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MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81

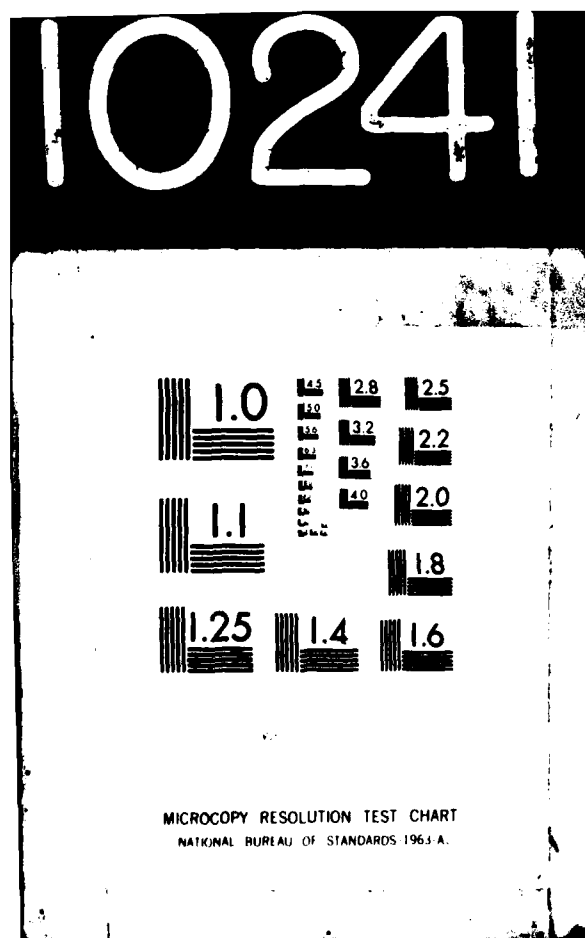
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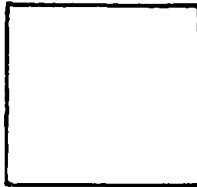


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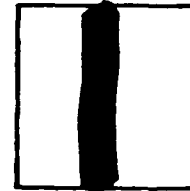
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MYRTLE BEACH AFB SC WEAN #13717
N 33 41 W 078 56 FLD ELEV 26 FT MYR WMO #74791

PARTS A-F

POR FROM HOURLY OBS: MAR 69 - DEC 70, JAN 73 - FEB 81

POR FROM DAILY OBS: NOV 42 - JUL 47, JAN 49 - DEC 54
NOV 56 - FEB 81

TIME CONVERSION GMT TO LST: -5

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USAFETAC/TST

FOR THE COMMANDER


WALTER S. BURGMANN
AWS Scientific and technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 81/080	2. GOVT ACCESSION NO. AD-A110 241	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Myrtle Beach AFB, South Carolina		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
		6. PERFORMING ORG. REPORT NUMBER															
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)															
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11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 07 AUG 81															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Myrtle Beach AFB, South Carolina It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*South Carolina Myrtle Beach AFB, South Carolina

20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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Note that during the period of record Jan 73 through Jul 74, Myrtle Beach AFB weather station had limited operating hours. Generally, the station was closed during the hours 2300 LST through 0600 LST, and therefore total observation counts for these hours were reduced 10-20%. Although the effects are not always obvious, this change from full time to part time operations for this 19 month period will affect this summary. Therefore all users of this RUSSWO should be aware of the following:

- a. The months of Jan through Jun, for the hours 00-02 LST and 03-05 LST, contain 8 years of data and may not be representative of meteorological conditions existing during 1973 and 1974.
- b. During Daylight Savings Time (May 73-Oct 73, Jan 74-Jun 74), no observations were reported at 23 LST. Hence the hour group 21-23 LST will be slightly biased towards the first two hours for the months Jan through Oct.
- c. During Standard Time (Jan 73-Apr 73, Nov 73-Dec 73), no observations were reported at 0600 LST. Hence, the hour group 06-08 LST will be slightly biased towards the latter two hours for the months Jan through Apr and Nov to Dec.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Herein, each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
13717	Myrtle Beach AFB SC	N 33 41	W 078 56	+26	MYR	74791

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Myrtle Beach AAB SC	AAF	Nov 42	Jul 47	N 33 41	W 078 56	25	28	24
2	Myrtle Beach CAA SC	CAA	Jan 49	22 Nov 56	Same	Same	25	25	24
3	Myrtle Beach AFB SC	AFB	23 Nov 56	May 72	Same	Same	Same	Same	24
4	Same	Same	Jun 72	Mar 77	Same	Same	Same	Same	16 to 24
5	Same	Same	Mar 77	Jun 81	Same	Same	26	30	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 42-Jul 46	Located on the Base Operations Bldg	Selsyn	ML-144B	56 ft	
2	Aug 46-Jul 47	Same	Same	Same	55 ft	
3	Jan 49-22 Nov 56	Located on the roof.	F420A	None	30 ft	
4	23 Nov 56 to Feb 59	Located on top of Control Tower.	AN/GMQ-1	ML204	57 ft	
5	Mar 59-Feb 62	Located 3425 ft NNE of Station.	AN/GMQ-11	RO-2	10 ft	
6	Mar 62-Feb 63	Located 1675 ft N of Station, 850ft W of centerline of Rnwy 17/35.	Same	Same	Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		9.1				9.1	17.2	2.7			19.3	750
	03-05	.3	10.1				10.1	18.5	1.6			20.0	750
	06-08	.2	11.0	.2	.3		11.3	27.2	5.7			30.4	894
	09-11	.1	10.9	.2	.8		11.6	20.7	10.8			28.7	929
	12-14	.3	10.7	.3	.4		11.4	13.1	7.2			19.5	929
	15-17	.4	10.7	.3	.8		11.6	13.9	5.6			18.2	929
	18-20	.1	8.7	.2	.3		8.9	16.3	5.6			21.2	930
	21-23		8.6	.4	.4		9.2	15.3	3.9			18.9	906
TOTALS		.2	10.0	.2	.4		10.4	17.8	5.4			22.0	7017

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717 MYRTLE BEACH AFB SC 70,73-81 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		4.1		.1		4.3	15.9	4.1		.9	20.2	679
	03-05		5.6		.7		6.2	16.0	4.7		.9	21.2	680
	06-08	.4	9.2	.4	1.0		10.0	25.2	9.8		.7	32.6	817
	09-11	.2	9.3	.1	.7		10.0	14.9	10.0	.4	.6	24.9	843
	12-14	.2	7.6	.4	.6		8.3	11.0	5.4	.4	.4	16.6	845
	15-17		6.0	.4	.7		7.0	9.6	7.3	.4	.4	16.3	846
	18-20	.4	8.1	.2	.6		8.8	11.1	7.3	.4	.7	17.4	844
	21-23	.5	8.1		.1		8.3	12.5	3.5		.7	15.4	810
TOTALS		.2	7.3	.2	.6		7.9	14.5	6.5	.2	.7	20.6	6364

13717 MYRTLE BEACH AFB SC

69-70, 73-80

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	42.6			20.0						12.3	25.1	4.2	756
	03-05	41.5			20.3						13.0	25.2	4.3	749
	06-08	26.5			25.7						21.2	26.7	5.3	873
	09-11	26.3			26.9						20.6	26.1	5.3	896
	12-14	20.7			32.0						20.6	26.7	5.5	894
	15-17	17.5			31.1						23.2	28.1	5.8	899
	18-20	23.3			28.3						22.1	26.2	5.5	900
	21-23	36.1			24.7						15.3	23.8	4.5	869
TOTALS		29.3			26.1						18.5	26.0	5.1	6836

SKY COVER

MAY

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	34.2			25.0						13.6	26.4	4.6	743
	03-05	28.1			28.2						16.5	27.3	5.1	741
	06-08	19.1			25.2						28.6	27.1	6.0	922
	09-11	16.9			27.7						29.7	25.6	6.1	928
	12-14	8.4			36.5						31.5	23.7	6.3	930
	15-17	10.2			33.0						30.5	26.2	6.4	930
	18-20	10.4			31.8						27.0	30.8	6.5	929
	21-23	26.1			28.2						19.7	26.0	5.2	869
TOTALS		19.2			29.6						24.6	26.6	5.8	6992

FORM
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0-9-5 (OL A)

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SKY COVER

JUN

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	25.9			35.4						17.2	21.5	4.8	721
	03-05	18.8			35.8						23.2	22.2	5.4	729
	06-08	11.0			30.3						30.1	28.6	6.5	881
	09-11	10.6			32.1						28.6	28.7	6.4	899
	12-14	3.6			37.2						32.8	26.5	6.7	899
	15-17	4.8			34.3						30.6	30.3	6.8	875
	18-20	7.7			31.4						30.5	30.4	6.7	866
	21-23	18.3			35.9						22.7	23.0	5.4	818
TOTALS		12.6			34.1						27.0	26.4	6.1	6688

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70, 73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	18.5			38.3						21.1	22.1	5.3	793
	03-05	17.4			42.4						22.1	18.1	5.1	792
	06-08	8.2			39.3						34.2	18.2	6.1	923
	09-11	9.0			39.1						33.8	18.1	6.0	929
	12-14	2.5			41.4						35.5	20.6	6.5	929
	15-17	4.4			41.0						34.9	19.7	6.3	916
	18-20	6.8			33.9						33.1	26.2	6.6	915
	21-23	12.4			38.6						23.9	25.1	5.8	876
TOTALS		9.9			39.3						29.8	21.0	6.0	7073

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.9	9.5		.4		9.9	20.0	3.9	.1		22.5	765
	03-05	.4	9.7				9.7	22.4	1.7			23.7	764
	06-08	.8	9.6				9.6	29.9	9.4			35.7	903
	09-11	.6	9.4	.1	.4		9.8	16.4	10.9			25.0	929
	12-14	.4	7.7	.3	.6		8.4	9.9	9.0			17.6	930
	15-17	.3	8.9	.2	.4		9.5	8.9	9.0		.1	17.0	930
	18-20	.8	8.4	.2	.3		8.9	11.9	11.1	.1	.3	21.9	930
	21-23	.7	8.0	.3	.3		8.7	15.0	9.7	.1	.1	22.7	899
TOTALS		.6	8.9	.1	.3		9.3	16.8	8.1	.0	.1	23.3	7050

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.5	4.2				4.2	11.1	4.0			14.8	759
	03-05	.5	6.4				6.4	16.2	4.2			19.5	755
	06-08	.6	5.6				5.6	21.9	18.1			34.7	880
	09-11	.3	3.7				3.7	3.6	9.8			12.6	897
	12-14	.4	3.0				3.0	1.9	7.6			9.0	897
	15-17	.9	3.3				3.3	1.7	5.7		.1	7.2	899
	18-20	1.2	4.6				4.6	3.4	8.6			11.0	900
	21-23	.5	4.3				4.3	6.4	6.2			11.0	870
TOTALS		.6	4.4				4.4	8.3	8.0		.0	15.0	6857

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.3	6.6				6.6	11.7	11.8			21.1	744
	03-05	1.3	5.1				5.1	26.7	13.3			33.6	746
	06-08	.9	4.7				4.7	26.2	28.0			44.6	927
	09-11	.9	4.7				4.7	5.8	21.3			25.5	929
	12-14	1.7	4.9			.1	4.9	3.4	18.4			21.1	930
	15-17	4.3	6.7				6.7	2.4	18.1			26.2	930
	18-20	3.3	6.9				6.9	4.6	18.7			22.3	930
	21-23	1.5	4.9				4.9	5.6	15.4			19.4	869
TOTALS		1.9	5.6			.0	5.6	10.8	18.1			26.0	7005

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	TFS VIBER. CM	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.4	2.2				2.2	9.6	11.1			17.5	721
	03-05	1.9	4.2				4.2	25.4	11.3			31.4	733
	06-08	.4	4.2				4.2	26.0	27.1			43.4	889
	09-11	1.2	4.6				4.6	3.2	21.0			23.1	900
	12-14	2.9	5.6				5.6	1.4	19.0			20.4	900
	15-17	5.0	6.5				6.5	2.1	16.9			18.6	875
	18-20	5.0	6.0			.1	6.0	2.5	20.2		.1	21.7	867
	21-23	2.2	4.6				4.6	4.4	17.8			20.0	818
TOTALS		2.6	4.7			.0	4.7	9.3	18.1		.0	24.5	6703

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2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.9	3.4				3.4	7.0	21.8			26.4	798
	03-05	2.0	4.5				4.5	19.5	26.2			37.3	798
	06-08	.6	1.6				1.6	25.1	37.4			49.5	926
	09-11	.8	2.2				2.2	1.0	27.1			27.6	930
	12-14	5.4	4.5				4.5	.5	24.6			25.2	930
	15-17	8.3	8.7			.1	8.7	1.7	24.1			25.2	920
	18-20	8.0	8.1				8.1	2.7	26.8			28.5	918
	21-23	5.2	5.7				5.7	3.0	24.7			27.0	878
TOTALS		4.2	4.8			.0	4.8	7.6	26.6			30.8	7098

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13/17

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.7	4.2				4.2	9.6	20.0			26.1	840
	03-05	2.3	4.5				4.5	20.4	24.2			36.3	840
	06-08	2.7	6.5				6.5	34.0	32.8			52.9	927
	09-11	1.4	6.3				6.3	4.7	22.3			26.2	927
	12-14	4.5	7.2				7.2	1.3	18.2			19.3	927
	15-17	6.9	7.6				7.6	1.4	19.7			20.9	929
	18-20	6.0	7.6				7.6	4.3	20.3			23.5	930
	21-23	3.3	6.2				6.2	4.8	17.8			21.3	900
TOTALS		3.6	6.3				6.3	10.1	21.9			28.3	7220

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.9	3.8				3.8	11.6	13.0		.1	22.2	810
	03-05	.7	5.7				5.7	25.3	15.1			35.2	810
	06-08	.9	7.2				7.2	43.9	33.1			61.9	900
	09-11	.4	7.2				7.2	7.1	31.0			36.0	900
	12-14	1.4	8.0				8.0	3.4	24.2			26.9	900
	15-17	3.8	6.9				6.9	2.1	20.9		.1	22.7	900
	18-20	3.3	7.2				7.2	4.4	23.1		.1	26.0	900
	21-23	2.2	5.3				5.3	7.5	15.6		.1	20.6	870
TOTALS		1.7	6.4				6.4	13.2	22.0		.1	31.4	6990

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.5	4.9				4.9	16.4	7.3			20.8	836
	03-05	.7	4.3				4.3	24.2	8.0			27.9	838
	06-08	.3	5.5				5.5	35.1	16.7			44.0	923
	09-11	.3	6.0				6.0	7.7	17.7			23.5	927
	12-14	.3	4.8				4.8	2.6	9.3			11.6	928
	15-17	.2	4.2				4.2	1.9	7.4			9.2	930
	18-20	.9	4.0				4.0	3.8	10.8			13.4	930
	21-23	.1	4.2				4.2	6.9	8.0			12.7	903
TOTALS		.4	4.7				4.7	12.3	10.7			20.4	7215

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

19717

MYRTLE BEACH AFB SC

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		6.2				6.2	18.6	5.8			22.8	810
	03-05	.4	5.2				5.2	24.1	6.5			27.4	810
	06-08	.2	5.6				5.6	33.1	13.0			40.2	870
	09-11	.2	6.3				6.3	11.9	12.3			22.3	900
	12-14		5.6				5.6	6.2	6.7			12.6	900
	15-17	.1	6.3				6.3	7.0	7.2			13.7	900
	18-20	.1	7.1				7.1	10.3	7.3			15.8	900
	21-23	.4	5.7				5.7	15.4	7.9			20.3	900
TOTALS		.2	6.0				6.0	15.8	8.3			21.9	6990

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15717

MYRTLE BEACH AFB SC

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		8.1	.1	.1		8.4	15.7	3.3			17.7	837
	03-05	.1	8.7	.1	.2		9.1	15.7	2.0			16.8	837
	06-08	.1	9.3	.3	.2		9.7	21.7	8.0			26.1	899
	09-11	.2	8.3		.2		8.5	13.1	9.1	.1		21.4	930
	12-14	.1	9.6				9.6	7.7	5.1			13.9	930
	15-17	.3	9.5				9.5	9.7	5.3			14.8	930
	18-20	.1	8.9				8.9	11.9	4.0			15.5	928
	21-23	.3	7.6				7.6	15.0	3.3			17.2	926
TOTALS		.2	8.8	.1	.1		8.9	14.0	5.0	.0		17.9	7217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

19717 MYRTLE BEACH AFB SC 69-70,73-81 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	10.0	.2	.4		10.4	17.8	5.4			22.0	7017
FEB		.2	7.3	.2	.6		7.9	14.5	6.5	.2	.7	20.6	6364
MAR		.6	8.9	.1	.3		9.3	16.6	8.1	.0	.1	23.3	7050
APR		.6	4.4				4.4	8.3	8.0		.0	15.0	6857
MAY		1.9	5.6			.0	5.6	10.8	18.1			26.0	7005
JUN		2.6	4.7			.0	4.7	9.3	18.1		.0	24.5	6703
JUL		4.2	4.8			.0	4.8	7.6	26.6			30.8	7098
AUG		3.6	6.3				6.3	10.1	21.9			28.3	7220
SEP		1.7	6.4				6.4	13.2	22.0		.1	31.4	6990
OCT		.4	4.7				4.7	12.3	10.7			20.4	7215
NOV		.2	6.0				6.0	15.8	8.3			21.9	6990
DEC		.2	8.8	.1	.1		8.9	14.0	5.0	.0		17.9	7217
TOTALS		1.4	6.5	.1	.1	.0	6.6	12.5	13.2	.0	.1	23.5	83726

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAW data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

17717 MYRTLE BEACH AFB SC 43-47, 49-54, 56-81 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.8	38.0	1.9	3.0		37.2	43.6	34.4			53.5	1072
FEB		3.9	38.0	1.2	3.1		36.8	43.2	37.6	.1		56.7	968
MAR		7.6	39.8	1.3	1.6	.3	37.4	44.1	32.9	.2		52.4	1068
APR		10.5	32.2	.1		.3	29.5	39.9	34.6			50.1	1034
MAY		17.7	36.9	.3		1.0	33.9	45.4	45.9			59.4	1043
JUN		26.9	43.9			.2	39.6	47.0	47.0			60.6	994
JUL		36.8	50.4			.1	45.5	42.9	47.3			58.5	1018
AUG		32.1	44.8			.1	40.5	50.8	51.3			64.7	1019
SEP		15.3	38.8				35.1	52.1	48.8			64.6	979
OCT		4.3	28.4	.1			25.6	46.0	44.7			59.1	1008
NOV		2.5	31.2	.2	.1		28.5	44.7	36.1			54.8	997
DEC		1.6	35.8	.5	1.1		32.9	40.4	30.3	.1		48.4	1056
TOTALS		13.5	38.2	.5	.7	.2	35.2	45.0	40.9	.0		56.9	12256

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13717

MYRTLE BEACH AFB SC

42-47, 49-54, 56-81

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-24	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	58.2	9.3	2.4	6.5	4.6	5.4	6.6	4.4	2.4	.3				32.5	1116	3.47	8.21	.44
FEB	59.4	9.4	1.7	5.9	3.6	6.0	5.8	5.2	2.7	.2				31.1	1016	3.20	7.49	.92
MAR	56.7	8.2	1.8	5.3	4.5	5.8	7.4	5.8	4.3	.1				35.1	1085	4.66	9.39	1.05
APR	65.6	10.1	1.7	4.5	2.8	6.3	3.9	3.3	1.7	.1				24.3	1050	2.50	7.32	.05
MAY	67.1	11.5	1.9	4.9	3.1	6.1	4.4	4.1	3.4	.5				28.4	1085	3.72	11.42	.95
JUN	55.9	12.4	2.4	4.4	3.4	6.0	5.4	5.0	4.1	.9	.2			31.7	1050	5.24	10.18	1.25
JUL	46.7	12.2	3.4	6.1	3.8	7.5	7.3	6.4	5.5	.9	.1			41.1	1062	6.51	16.39	1.62
AUG	53.5	12.0	2.2	4.5	3.8	6.3	7.7	5.5	3.5	.9	.1			34.4	1054	5.56	14.64	1.05
SEP	60.0	9.4	2.2	5.8	3.4	5.2	4.2	4.4	3.8	1.2	.4			30.6	1020	5.53	13.74	1.00
OCT	73.1	8.2	1.6	3.2	1.8	3.7	2.7	2.8	2.6	.3	.1			18.7	1054	2.87	10.31	TRACE
NOV	68.3	10.1	1.2	4.4	3.1	5.0	2.9	2.9	1.6	.3	.1			21.6	1054	2.66	9.70	.00
DEC	62.8	9.3	2.2	4.9	3.8	5.6	4.5	4.1	2.7	.1				27.9	1115	3.25	6.51	.26
ANNUAL	60.0	10.2	2.1	5.0	3.5	5.7	5.2	4.5	3.2	.5	.1			29.8	12761	49.17		

USAFETAC FORM 0-15-5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 MACFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12/17 STATION MYRTLE BEACH AFB SC

42-47, 49-54, 56-81 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											* .00	.87	
43	.88	.71	1.59	1.61	.34	1.98	1.09	3.18	2.72	IFACE	.56	1.27	3.18
44	1.32	2.91	2.37	.74	1.20	3.08	2.45	3.14	1.77	1.06	.83	.87	3.14
45	.71	1.09	1.00	.82	1.08	6.26	2.83	2.14	3.35	.67	.68	1.72	6.26
46	1.30	1.06	.72	.97	1.15	1.08	1.60	2.38	.47	2.62	.78	.84	2.62
47	.81	.32	.88	.84	1.10	2.43	1.52						
49	.41	.94	.59	.96	1.14	.82	1.51	1.58	4.33	1.35	.65	.51	4.33
50	.54	.45	1.85	.20	1.13	1.58	6.37	.85	2.49	1.38	.50	1.56	6.37
51	.15	.34	1.32	1.78	.80	1.33	1.03	.74	6.93	.17	1.92	.93	6.93
52	.64	1.80	.98	.35	1.64	2.59	1.28	4.75	4.91	1.09	1.69	.82	4.91
53	1.31	1.16	1.63	1.43	.86	1.56	.91	3.15	2.88	.22	1.25	1.84	3.15
54	.61	1.59	1.49	.45	2.59	1.82	1.24	.85	1.45	8.22	.36	.60	8.22
56											* .20	.16	
57	.50	1.36	1.19	.75	.95	1.85	1.47	2.14	5.71	.54	2.61	.91	5.71
58	1.51	1.53	.98	3.01	.85	2.04	1.64	4.50	3.87	1.68	.45	1.41	4.50
59	.49	.77	1.91	.91	1.83	1.58	3.66	.73	2.99	1.70	.51	2.36	3.66
60	1.73	1.38	1.42	.97	1.70	4.30	4.69	.87	4.86	.36	.24	.69	4.86
61	1.14	1.21	3.41	2.28	2.70	3.12	2.19	2.33	.92	.52	1.44	.31	3.41
62	.93	1.13	1.61	.94	.53	1.35	.98	1.55	3.90	.37	2.84	1.35	3.90
63	.97	.95	.44	1.45	1.43	2.59	.78	.45	1.06	1.98	2.29	.81	2.59
64	2.67	2.33	1.38	1.7	1.13	3.39	3.12	3.12	5.22	3.95	.54	3.11	5.22
65	.35	1.73	1.84	.61	.56	.86	1.74	2.04	.64	2.09	.27	.42	2.09
66	1.61	2.53	1.26	.12	2.80	.94	2.25	.57	.94	.63	.22	.94	2.80
67	1.23	1.01	.58	1.33	1.16	7.61	2.75	1.27	1.74	.41	.84	2.26	7.61
68	1.23	1.02	.47	.37	1.50	.41	2.86	.45	.53	3.11	1.19*	1.58	3.11
69	1.45	.41	1.94	1.73	.81	1.79	1.03	4.45	1.11	.63	9.47	1.12	9.47
70	1.53	.75	1.50	.45	1.97	1.49	1.18	3.30	2.60	2.22	.85	2.31	3.30
71	.74	.71	1.59	1.60	1.04	1.35	1.33	6.50	.36	1.95	1.01	.56	6.50
72	1.16	1.14	.56	.13	1.31	1.77	2.62	.85	1.71	.17	2.31	1.31	2.62
73	1.00	1.19	1.16	1.82	.61	1.94	1.45	1.16	1.21	.72	.55	2.19	2.19
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM D-88-5 (OLA)
 JUL 84

(FROM DAILY OBSERVATIONS)

42-47, 49-54, 56-81
YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

CLERICAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1917 MYRTLE BEACH AFB SC
STATION

42-47, 49-54, 56-81
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											* .00	2.39	
43	3.19	1.55	7.37	3.21	1.71	3.02	5.54	9.52	5.10	TRACE	.84	2.90	43.54
44	3.63	4.83	9.94	2.43	2.49	6.51	7.47	5.27	3.27	1.41	1.36	1.44	49.15
45	1.79	3.91	1.38	2.36	2.04	9.39	9.82	10.62	9.29	1.00	1.44	5.75	58.79
46	3.56	2.59	3.04	2.54	1.84	2.30	7.03	6.73	1.19	3.87	1.61	.91	36.47
47	2.86	.92	5.03	2.59	2.50	7.30*	2.58						
49	.78	2.88	2.37	3.59	2.50	2.61	4.34	4.01	5.72	4.23	1.41	1.12	35.56
50	1.04	1.09	4.68	.39	4.00	4.10	15.77	2.86	6.08	2.04	.62	4.92	47.59
51	.44	1.11	4.68	6.12	.95	4.56	2.96	2.19	13.74	.16	3.25	2.41	42.59
52	1.56	3.79	4.24	.98	3.84	8.57	3.18	9.97	9.14	2.06	4.71	2.68	54.72
53	3.15	4.38	5.36	3.03	1.89	3.43	2.65	11.32	9.51	.46	5.49	5.99	56.66
54	1.94	3.62	3.84	.98	4.11	2.15	3.57	1.97	3.06	9.41	.95	2.75	34.35
56											* .20	.26	
57	1.98	3.57	4.88	1.49	7.22	6.29	3.54	7.94	11.37	1.13	5.33	3.93	52.66
58	4.48	3.76	4.59	5.88	2.38	7.20	4.66	7.40	7.20	3.90	.56	3.58	55.59
59	2.25	3.69	5.68	1.93	5.27	5.17	12.03	2.49	7.35	6.75	1.28	4.40	57.89
60	4.23	3.64	5.03	1.74	3.52	6.22	16.39	2.49	7.98	.94	.80	2.31	55.49
61	2.04	3.68	4.91	7.32	5.45	6.89	3.94	6.02	3.53	1.25	3.31	1.20	49.54
62	3.62	2.90	5.18	3.90	1.00	7.28	3.34	5.50	9.15	1.08	4.83	1.78	49.54
63	4.45	4.15	1.52	2.25	3.58	6.73	4.34	1.05	3.28	2.54	4.60	2.25	40.74
64	8.21	7.49	4.66	2.53	1.74	10.18	10.47	5.43	7.24	7.74	.89	5.40	71.98
65	1.59	6.43	9.39	1.48	1.43	3.98	6.94	5.25	1.89	2.41	.60	.74	42.13
66	7.03	4.75	3.17	.42	6.57	2.79	7.27	2.99	2.93	.85	.37	4.41	43.59
67	5.83	2.85	1.73	1.90	3.70	9.27	11.53	4.96	3.72	.50	1.64	3.81	51.44
68	2.78	1.72	1.05	2.16	4.34	1.25	14.24	1.29	1.13	7.22	3.07*	3.05	*43.30
69	2.96	1.76	5.81	3.92	1.83	4.62	2.98	10.72	2.21	1.51	9.70	3.90	51.92
70	3.10	2.66	7.23	.93	2.76	3.31	3.64	7.86	8.07	7.32	.96	3.32	51.16
71	3.98	2.29	5.18	4.58	3.12	4.96	7.73	14.64	1.00	10.31	1.63	1.71	60.43
72	5.41	4.38	2.18	.05	5.25	2.93	6.37	4.34	3.16	.21	7.34	3.97	45.59
73	4.45	3.69	3.27	3.61	2.49	6.97	5.44	4.56	3.56	1.40	1.79	6.51	47.76
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

14-17
STATION

MYRTLE BEACH AFB SC
STATION NAME

42-47, 49-54, 56-61
YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SC

42-47, 49-54, 56-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	96.7	2.8	.4	.1										.5	1023	TRACE	.7	.0
FEB	96.9	2.1	.1	.8		.1								1.0	931	.3	4.3	.0
MAR	98.4	1.3	.1	.1				.1						.3	992	.2	5.6	.0
APR	100.0														960	.0	.0	.0
MAY	100.0														992	.0	.0	.0
JUN	100.0														960	.0	.0	.0
JUL	100.0														969	.0	.0	.0
AUG	100.0														961	.0	.0	.0
SEP	100.0														930	.0	.0	.0
OCT	100.0														961	.0	.0	.0
NOV	99.9	.1													938	TRACE	TRACE	.0
DEC	98.7	1.0	.3											.3	992	TRACE	.4	.0
ANNUAL	99.2	.6	.1	.1		.0		.0						.2	11609	.5		

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

17/17 MYRTLE BEACH AFB SC
 STATION STATION NAME

42-47, 49-54, 56-73
 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0*	.0						
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56											*	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
 JUL 84

☐

SMO. FALL

(FROM DAILY OBSERVATIONS)

42-47, 49-54, 56-61
YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

CLINICAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

117 MYBILE BEACH AFB SC
STATION STATION NAME

42-47, 49-54, 56-61
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56													
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
58	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	TRACE	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.0	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 84

(FROM DAILY OBSERVATIONS)

42-47, 49-54, 56-81
YEARS

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

1717 MYRTLE BEACH AFB SC

42-47, 49-54, 56-81

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.9	.1													1116			
FEB	98.8	.4	.4		.1	.3								.8	1015			
MAR	99.5	.3			.1	.1								.2	1085			
APR	100.0														1049			
MAY	100.0														1084			
JUN	100.0														1050			
JUL	100.0														1060			
AUG	100.0														1051			
SEP	100.0														1020			
OCT	100.0														1054			
NOV	100.0														1058			
DEC	99.5	.2	.2	.1		.1								.4	1116			
ANNUAL	99.8	.1	.0	.0	.0	.0								.1	12758			

USAFETAC FORM 0-15.5 (OL A)
OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1717 MYRTLE BEACH AFB SC
STATION STATION NAME

42-47, 49-54, 56-61
YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46													
47							*						
49		*		*				*					
50													
51					*								
52													
53													
54													
55													
57													
58												TRACE	
59													
60			TRACE										TRACE
61													
62													
63		TRACE											TRACE
64													
65													
66													
67													
68													
69													
70	TRACE												TRACE
71													
72													
73													
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 84

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

117 MYRTLE BEACH AFB SC
STATION STATION NAME

42-47, 49-54, 56-61
YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	NW 33W *43S	33WNW 41S	*28NE	*27WSW*33					W *21			NNW*72	
47	SW *37SW	36WNW 46SW	32WSW	35SSW 32									
49													
51													
52													
53													
54													
56													
57													
58	NNW 27W	40E *31NNE*37SSW	25WNW*32NNW*24SSW*24NNW*56N	*27NW	25E *30	NNW*56							
59	W *33WNW*30WSW*34N	*31WSW*51WNW	38S *39SSE	26E	45SSW	31W *35W	37	WSW*31					
60	ENE 36SW *42WSW	37WSW*33W	41SSW*26N	29SSW	22WNW*27NNW	27N	24W	47	W	47			
61	WNW 29WSW*38S	39SE	40NNW	27SSW	32WSW	30NNW*28NNE*29N	*29SSE*25SW	31	SE	47			
62	W 29NW	43N	34NW	37N	27SSW*30SSE*25N	*35NNE	31N	29SSE	40W	32	NW	43	
63	NNW*37WSW*33W	*38NNW*33N	*26E	*24W	*30N	*29S	*35N	*36NW	*35NNW*37	N	*28		
64	W *47SW	*37WNW*38S	*30ENE	34E	*28WSW*45E	*30S	*32W	*31SSW*25N	39	W	*47		
65	W *39S	*90E	*34W	*34NNW*34WNW*24NNE*19S	*19ENE*20S	*33WNW*32NNW*36	S	*90					
66	NNW*40SSW*51N	*31W	*34S	*23NNE*25N	*26N	22ESE	20SSW	24WSW	28SW	28	SSW*51		
67	W 33NNW	30S	40NNW*31WSW	32NE	36S	24NE	19N	22S	27NW	37WNW	30	S	43
68	ESE 29WNW	30WNW	39N	31E	21ENE	23	4/ 4036/	2625/	2020/	30	3/ 2834/	39	4/ 43
69	34/ 2932/	3628/	3936/	3718/	2536/	3419/	2830/	3811/	2211/	2836/	3716/	38	28/ 39
70	33/ 2834/	30	6/ 3319/	3814/	31	3/ 3019/	2719/	2519/	26	1/ 3021/	2711/	46	11/ 46
71	33/ 4027/	3619/	4324/	3419/	28	3/ 2136/	2630/	4232/	36	2/ 2931/	31	3/ 30	10/ 43
72	27/ 3127/	4026/	3123/	3336/	3831/	4027/	4629/	4236/	34	1/ 2929/	3131/	36	27/ 46
73	16/ 37	2/ 4128/	4219/	3624/	44	6/ 28	6/ 4520/	25	7/ 2815/	25	1/ 2836/	35	6/ 45
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

42-47, 49-54, 56-57
YEARS

[illegible]

USAF ETAC FORM 0-88-5 (OLA)

* (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,74-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	4.3	3.2	1.2								13.2	5.4
NNE	1.1	3.5	1.6									6.1	5.1
NE		.5	.5									1.1	6.5
ENE	.1	.7	.9									1.7	6.2
E	.3	1.1	.8									2.1	5.8
ESE		.3										.3	6.0
SE	.3	.3										.5	3.3
SSE	.3	.3										.5	3.5
S	.1	.9	1.2	.3	.1							2.7	8.0
SSW	1.1	1.1	.5	.1		.1						2.9	5.7
SW	1.2	2.4	.8		.3							4.7	5.5
WSW	1.3	1.9	1.6	.1								4.9	5.4
W	2.7	4.0	2.3	.8								9.7	5.5
WNW	.5	2.1	3.5	.4								6.5	7.2
NW	.3	2.1	1.9	.5								4.8	7.1
NNW	2.1	2.1	1.6	.5								6.4	5.6
VARBL													
CALM												31.7	
	15.9	27.5	20.4	4.0	.4	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,74-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	5.5	3.3	1.2								14.9	5.4
NNE	1.7	2.5	.9									5.2	4.6
NE	.5	1.1	.8									2.4	5.2
ENE	.1	.4	.3	.1								.9	7.0
E	.7	1.3	.3									2.3	4.9
ESE	.1	.5										.7	4.2
SE	.1											.1	3.0
SSE		.4	.1	.1								.7	7.2
S	.7	1.1	1.2	.4								3.3	6.8
SSW	1.1	1.1	.8	.5								3.5	5.9
SW	1.3	.9	.7	.1								3.1	4.7
WSW	.8	2.4	1.1	.4								4.7	6.1
W	.9	2.8	2.3	.7								6.7	6.4
WNW	.9	2.8	2.8	.7								7.2	6.5
NW	1.2	2.1	2.3	.4								6.6	6.3
NNW	2.3	2.8	2.3	.5								7.9	5.7
VARB													
CALM												10.5	
	17.5	27.7	19.1	5.2								180.0	4.0

TOTAL NUMBER OF OBSERVATIONS

152

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC 70,73-81 YEARS JAN MONTH
0600-0800 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	6.3	2.9	.7	.1							15.8	5.0
NNE	1.3	1.8	2.0	.1								5.3	5.6
NE	.2	1.1	1.3									2.7	6.6
ENE		.6	.2									.8	5.9
E	.4	1.0	.8									2.2	5.0
ESE	.1	.1										.2	3.0
SE	.3	.1										.4	3.0
SSE	.2	.3	.2	.2								1.0	7.4
S	.9	.8	1.2	.2								3.1	6.0
SSW	1.1	.7	1.0	.4	.1							3.4	7.0
SW	.8	1.1	.8									2.7	4.9
WSW	1.2	2.5	1.5	.2	.1							5.5	5.5
W	2.2	4.6	1.6	.7	.1							9.2	5.5
WNW	1.3	2.7	1.5	.3								5.8	5.8
NW	.6	2.9	1.9	.1								5.5	6.2
NNW	2.6	2.3	3.1	.6								8.6	5.8
VARBL													
CALM												27.9	
	19.2	28.9	20.0	3.6	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC 70,73-81 YEARS JAN MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.4	5.8	3.4	.1							15.7	7.8
NNE	1.1	3.7	3.7	1.0								9.4	6.9
NE	.5	1.5	1.7	.3								4.1	6.6
ENE	.9	1.6	1.7	.2								4.4	6.2
E	1.1	.6	1.2									2.9	5.0
ESE	.6	.6										1.3	4.1
SE	.3	.4	.1	.2								1.1	6.4
SSE	.2	.8	.6	.4	.1							2.2	8.0
S	.6	.6	1.1	.5								2.9	7.1
SSW	.5	.6	1.6	.5								3.3	7.5
SW	.5	1.0	1.3	.1								2.9	6.7
WSW	.5	2.3	1.2	.4	.1							4.5	6.6
W	1.6	4.2	4.4	1.1	.1							11.4	6.8
WNW	.6	1.8	2.8	1.3	.1							6.7	8.1
NW	1.0	2.4	2.8	.8	.1							7.0	7.2
NNW	1.2	2.7	3.4	1.1	.1							8.5	7.3
VARBL													
CALM												11.7	
	13.3	29.3	33.5	11.4	.8							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.9	5.7	3.0	.1							13.3	8.2
NNE	.5	1.3	2.4	.5								4.7	7.4
NE	.3	.2	1.0	.1								1.6	7.1
ENE	.1	.5	1.6									2.3	7.4
E	.4	2.4	3.4	.5								6.8	6.7
ESE	.6	2.8	1.1									4.5	5.3
SE	.4	2.5	.8									3.7	5.2
SSE	.9	2.8	1.1	.1								4.8	5.4
S	.5	2.9	4.4	1.2								9.0	7.7
SSW	.4	.8	1.6	.4								3.2	8.0
SW		.8	1.1	.2								2.0	7.6
WSW	.1	1.3	2.0	.5	.2							4.2	8.5
W	.5	2.3	6.6	1.7	.4							11.5	8.8
WNW	.8	1.3	4.2	1.9								8.2	8.2
NW	.2	2.2	3.2	1.3	.2							7.1	8.5
NNW	1.0	1.8	3.7	2.4	.1							8.9	8.5
VARBL													
CALM												4.0	
	8.5	28.6	43.8	14.0	1.1							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	5.0	3.6	3.0	.2							12.3	6.2
NNE	.4	1.3	1.2	.1								3.0	6.3
NE	.1	.4	.5	.1								1.2	6.5
ENE	.3	.9	.4									1.6	5.2
E	.9	2.5	2.4	.2								5.8	6.2
ESE	1.4	2.0	.6	.2								4.3	4.8
SE	1.1	2.0	.6									3.8	4.7
SSE	1.1	3.0	1.0									5.1	4.9
S	1.2	5.5	5.7	1.5								13.9	6.9
SSW	.6	1.0	2.5	.5								4.6	7.4
SW	.4	.3	.8									1.5	5.7
WSW	.5	.9	1.6	.1	.3							3.4	7.8
W	.5	2.7	4.6	1.5	.5							9.9	8.6
WNW	.4	2.5	4.0	2.2								9.0	8.5
NW	.4	1.8	3.6	1.6	.2							7.6	8.6
NNW	1.0	3.0	2.3	1.5	.1							7.9	7.4
VARBL													
CALM												5.1	
	10.9	34.8	35.3	12.6	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.9	3.5	.9	.2	.1						12.9	6.0
NNE	.4	1.2	.8	.2								2.6	6.1
NE	.3	.5	.8									1.6	5.7
ENE	.3	.6	1.0									1.9	6.1
E	.9	1.9	1.3									4.1	5.4
ESE	.6	.5										1.2	3.2
SE	1.0	.3	.2									1.5	3.5
SSE	.9	.3	.2									1.4	3.9
S	2.3	3.0	1.9	.8	.1							8.1	5.9
SSW	2.0	2.5	2.0	.3								6.9	5.5
SW	1.0	1.3	.5									2.8	4.4
WSW	1.0	1.6	.5									3.1	4.4
W	2.5	2.2	1.9	1.1	.4							8.1	6.6
WNW	1.4	1.8	1.2	.5								4.9	5.9
NW	.3	1.1	2.0									3.4	6.8
NNW	1.0	2.2	.5									3.7	4.6
VARBL													
CALM												31.8	
	19.0	26.0	18.5	3.8	.8	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70.73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.6	2.3	1.2	.1							9.2	6.1
NNE	.8	1.8	1.2	.2								4.0	5.9
NE	.4	1.2	.3									2.0	4.9
ENE	.1	.7	.7									1.4	5.9
E	.6	2.3	1.7									4.5	5.9
ESE		.2										.2	5.5
SE	.1	.1		.1								.3	7.0
SSE	.8	.3										1.1	2.6
S	1.1	1.3	1.2	.7	.2	.1						4.6	7.3
SSW	1.0	1.7	1.2	.3								4.2	5.9
SW	1.3	1.7	.9	.2								4.1	4.9
WSW	1.1	2.8	.6									4.4	4.4
W	2.5	2.4	2.6	.3	.3							8.3	6.1
WNW	.4	1.1	2.8	.4	.1							4.9	7.7
NW	.7	1.5	.7	.9								3.8	6.9
NNW	1.8	1.0	2.4	.6								5.7	6.2
VARBL													
CALM												37.3	
	15.6	22.7	18.5	5.0	.8	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	4.5	3.8	1.9	.1	.0						13.4	6.6
NNE	.9	2.1	1.7	.3								5.0	6.1
NE	.3	.8	.9	.1								2.1	6.2
ENE	.3	.8	.9	.0								1.9	6.2
E	.6	1.7	1.5	.1								3.9	5.9
ESE	.5	.9	.2	.0								1.7	4.7
SE	.5	.8	.2	.0								1.5	4.8
SSE	.6	1.1	.4	.1	.0							2.2	5.4
S	1.0	2.1	2.3	.7	.1	.0						6.1	6.9
SSW	1.0	1.2	1.5	.4	.0	.0						4.0	6.5
SW	.8	1.2	.9	.1	.0							2.9	5.4
WSW	.8	1.9	1.3	.2	.1							4.3	6.1
W	1.7	3.1	3.3	1.0	.3							9.4	6.9
WNW	.8	2.0	2.8	1.0	.0							6.7	7.4
NW	.6	2.0	2.3	.7	.1							5.7	7.4
NNW	1.6	2.2	2.4	.9	.0							7.2	6.6
VARBL													
CALM												22.0	
	14.9	28.2	26.5	7.6	.7	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7017

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73,75-81 YEARS FEB MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.7	2.2	1.5	.1							9.6	6.5
NNE	1.2	1.8	2.4	.3								5.6	6.4
NE	.6	.6	.6									1.8	5.3
ENE	.1	1.0	.7	.3								2.2	7.4
E	.7	1.0	.4									2.2	5.2
ESE		.1										.1	4.0
SE	.1		.3									.4	6.0
SSE	.6		.4	.6								1.6	8.5
S	1.8	1.3	.9	1.0								5.0	6.5
SSW	1.0	1.6	1.2	.1								4.0	5.3
SW	1.6	2.8	.4									4.9	4.3
WSW	1.5	2.5	.4									4.4	4.6
W	.7	2.9	2.4	.9								6.9	6.9
WNW	.7	1.5	1.0	.6	.3							4.1	7.5
NW	.6	.4	1.2	.7	.1							3.1	6.6
NNW	1.2	1.8	2.7	.4								6.0	6.6
VARBL													
CALM												38.0	
	15.6	22.1	17.2	6.5	.6							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73,75-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	6.5	2.6	1.3								15.4	5.3
NNE	1.9	2.1	2.4	1.0								7.4	6.7
NE	.1	.6	.3									1.0	5.3
ENE	.3		.4									.7	6.0
E	.1	1.2	.9									2.2	5.9
ESE	.3	.1										.4	2.7
SE			.1									.1	10.0
SSE	.9	.3	.3									1.5	3.9
S	.7	.7	.7	1.2	.1							3.5	8.5
SSW	.4	.9	1.3	.1								2.8	6.5
SW	1.2	2.4	.4									4.0	4.6
WSW	1.6	1.9	1.5									5.0	4.9
W	3.8	4.6	1.6	.1								10.1	4.3
WNW	1.0	1.3	.6	1.0	.1							4.1	7.9
NW	.4	.9	.9	.4								2.6	6.7
NNW	1.0	3.1	1.5	1.2								6.8	6.6
VARBL													
CALM												32.2	
	19.0	26.5	15.6	6.5	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70.73-81 YEARS FEB MONTH 3600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	5.5	4.2	2.7								16.9	6.5
NNE	1.6	2.9	2.1	.5								7.1	5.9
NE	.5	1.3	.9									2.7	5.3
ENE	.2	.5	.4									1.2	5.8
E	.1	1.5	1.1	.5								3.2	7.3
ESE		.2										.2	4.0
SE	.5		.1									.6	3.4
SSE	.7	.4	.4	.1	.1							1.7	6.1
S	1.3	.9	.4	.7	.2							3.5	7.2
SSW	.4	.6	.6	.1	.1							1.8	6.7
SW	1.1	2.0	.2									3.3	4.4
WSW	1.8	2.4	1.1									5.4	4.6
W	1.6	3.4	2.0	.4								7.3	5.6
WNW	1.1	2.2	1.7	.5	.4							5.9	7.1
NW	.7	1.2	1.3	.5								3.8	6.6
NNW	1.6	4.0	1.6	.6								7.8	5.5
VARBL													
CALM												27.4	
	17.9	29.3	18.0	6.6	.9							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.3	5.7	6.3	.4							17.8	9.1
NNE	.7	3.1	4.5	.7	.4							9.4	7.5
NE	.2	2.3	1.7	.2								4.4	6.5
ENE	.6	.9	1.5	.4								3.4	6.9
E	.7	2.1	3.0	.5								6.3	7.1
ESE	.5	.8	.6									1.9	5.2
SE	.6	.6	.7									1.9	5.5
SSE	.5	.9	.6	.4								2.4	6.6
S	1.1	2.1	2.5	.5								6.2	6.6
SSW	.2	.8	1.2	.8								3.1	8.3
SW	.6	1.2	1.1	.1	.1							3.1	6.4
WSW	.7	3.3	1.8	.5								6.3	6.3
W	.6	3.4	3.9	1.2								9.1	7.2
WNW	1.1	1.8	2.6	1.3	.1							6.9	7.9
NW	.6	1.5	1.9	1.3	.4							5.7	8.7
NNW	.4	1.9	2.6	.9	.1							5.9	8.0
VARBL													
CALM												6.3	
	10.2	31.2	35.8	15.1	1.4							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.0	4.9	3.7	.1							12.2	8.9
NNE	.4	.6	2.0	.7	.1	.2						4.0	9.3
NE	.2	.5	.4	.1								1.2	6.0
ENE		.1	1.1	.2								1.4	8.7
E	.6	1.2	4.7	.6								6.4	7.7
ESE	.6	1.5	2.6									4.7	6.7
SE	.4	3.0	3.1	.1								6.5	6.4
SSE	.5	2.6	3.3	.7								7.1	7.4
S	.7	2.5	7.0	2.5								12.7	8.3
SSW	.2	.8	2.1	2.0								5.2	9.2
SW	.2	.6	.6	.5								1.9	8.4
WSW	.2	.9	1.2	.6	.1							3.1	8.0
W	.5	2.1	4.9	1.5								9.0	8.1
WNW	.7	1.4	3.3	2.0	.1							7.6	8.6
NW	.1	1.8	2.0	1.7								5.6	8.7
NNW	.2	2.4	4.3	3.1	.1							10.1	9.3
VARBL													
CALM												1.3	
	6.2	25.0	46.7	20.0	.6	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70, 73-81
YEARS

FEB
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.1	3.0	2.2	.5							8.0	9.3
NNE	.5	.6	1.3	.4		.1						2.8	8.0
NE	.1	.8	.4	.1								1.4	6.0
ENE	.5	.5	.6	.2								1.8	6.4
E	.5	1.8	3.1	.4								5.7	7.1
ESE	.4	1.7	2.2									4.3	6.4
SE	.8	2.7	1.5	.1								5.2	5.8
SSE	.5	4.7	2.0	.2	.1							7.6	6.1
S	.7	7.1	10.9	2.1								20.8	7.7
SSW	.4	2.2	4.0	3.9	.1							10.6	9.3
SW	.4	.1	.6	.4								1.4	8.2
WSW	.4	.4	1.3	.1								2.1	7.1
W	.5	2.2	2.7	1.5								7.0	8.2
WNW		1.5	2.8	2.2								6.6	9.6
NW	.2	.8	1.7	2.4	.2							5.3	10.4
NNW	.8	1.4	3.3	2.2	.4							8.2	8.8
VARBL													
CALM												1.2	
	6.7	30.7	41.4	18.6	1.3	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC 70.73-81 YEARS FEB MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.9	2.4	.8	.1							7.9	6.4
NNE	.5	1.4	1.4	.2								3.6	6.1
NE	.4	.4	.4									1.1	5.3
ENE	.2	.6	.4	.1								1.3	6.5
E	1.5	2.4	1.4	.1								5.5	5.0
ESE	1.7	1.2	.6									3.4	4.1
SE	.9	.8	.2									2.0	4.2
SSE	1.1	1.3	.2	.1								2.7	4.2
S	2.1	3.6	2.1	.7								8.5	5.8
SSW	3.6	5.2	4.0	.8								13.6	5.7
SW	1.1	1.2	1.8	.1								4.1	6.0
WSW	.4	1.1	.6									2.0	5.8
W	2.1	1.5	1.7	.6								5.9	5.5
WNW	.1	1.4	1.2	.9		.1						3.8	8.3
NW	.4	1.1	.9	.8								3.2	7.7
NNW	.6	1.5	1.5	.7								4.4	7.3
VARBL													
CALM												26.9	
	19.3	26.5	20.9	6.2	.1	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70.73-81 YEARS
ALL WEATHER
CONDITION
FEB MONTH
2100-2300 HOURS (L.S.T.)

SPEED (KNT) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.6	1.1	1.1								7.8	5.7
NNE	.5	1.2	1.9	.1								3.7	6.6
NE	.4	.5	.4	.1								1.4	6.0
ENE	1.0	.2	1.0	.1								2.3	5.4
E	1.5	2.7	.7	.1								5.1	4.8
ESE		.6	.4									1.0	6.4
SE	.2	.1	.4	.2								1.0	7.0
SSE	.5	.1	.4	.7	.1							1.9	9.3
S	2.1	1.0	1.7	.4								5.2	5.5
SSW	1.5	2.7	1.6									5.8	5.2
SW	1.9	3.0	1.7	.1								6.7	5.3
WSW	1.1	2.3	.5	.2								4.2	4.9
W	2.0	1.1	1.5	.5	.1							5.2	6.0
WNW	.9	1.1	1.6	.7	.1							4.4	7.6
NW		.6	1.1	.7	.1							2.6	9.3
NNW	.7	.4	1.7	.9	.1							3.8	8.2
VARB													
CALM												38.0	
	17.2	20.4	17.7	6.2	.6							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70.73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.5	3.3	2.5	.2							11.9	7.3
NNE	.9	1.7	2.2	.5	.1	.0						5.4	7.0
NE	.3	.9	.6	.1								1.9	5.9
ENE	.4	.5	.8	.2								1.8	6.7
E	.7	1.8	1.9	.3								4.7	6.4
ESE	.4	.8	.8									2.1	5.7
SE	.5	1.0	.8	.1								2.3	5.8
SSE	.6	1.4	1.0	.4	.0							3.4	6.5
S	1.3	2.5	3.4	1.1	.0							8.4	7.2
SSW	1.0	1.9	2.1	1.1	.0							6.0	7.1
SW	1.0	1.6	.9	.2	.0							3.6	5.6
WSW	.9	1.8	1.1	.2	.0							4.0	5.6
W	1.4	2.6	2.6	.9	.0							7.5	6.6
WNW	.7	1.5	1.9	1.2	.1	.0						5.5	8.2
NW	.4	1.1	1.4	1.1	.1							4.1	8.6
NNW	.8	2.0	2.4	1.3	.1							6.6	7.7
VARBL													
CALM												20.6	
	13.8	26.6	27.3	11.0	.7	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 6363

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73, 75-80
YEARS

MAR
MONTH
0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.7	.7	.9								5.6	5.6
NNE	.8	.8	.4									2.0	4.3
NE	.3	.7	.5									1.4	5.6
ENE	.9	1.2	1.2	.3	.4							3.9	7.3
E	.3	1.2	3.3	.5								5.2	7.9
ESE	.7	.4	.5									1.6	4.8
SE	.7		.8									1.4	5.8
SSE	.9	.9	1.0	.9	.1							3.9	7.3
S	1.7	2.6	1.8	.3								6.4	5.8
SSW	1.7	2.9	1.8	.3								6.7	5.5
SW	1.3	1.2	.7	.4								3.5	5.5
WSW	.9	1.3	.9									3.1	5.0
W	2.4	2.9	1.8									7.1	4.7
WNW	1.4	.8	1.3									3.5	5.3
NW	1.3	1.4	.8	.1								3.7	5.3
NNW	1.3	2.5	1.0	.8								5.6	6.0
VARS													
CALM												35.3	
	18.8	22.4	18.6	4.4	.5							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73,75-80
YEARS

4AP
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.5	1.0	.7								10.1	4.7
NNE	.9	2.1	.5									3.5	4.6
NE	.7	1.3	.1	.7								2.7	6.3
ENE	.5	.7	.3	.4								1.8	6.3
E	.7	3.3	1.8									5.8	6.0
ESE	.4	.7	.3	.1								1.4	5.2
SE		.1	.3	.3								.7	10.0
SSE	1.6	.8	.5									2.9	4.0
S	2.1	2.5	2.5	.7								7.7	6.1
SSW	1.0	1.2	1.7	.3								4.2	6.0
SW	1.4	1.2	.5	.1								3.3	4.5
WSW	1.3	1.7	.1									2.5	3.8
W	2.2	2.5	1.2	.4								6.3	5.0
WNW	1.7	1.8	1.6	.3								5.4	5.6
NW	.9	1.4	.5	.4	.1							3.4	6.1
NNW	2.0	2.4	1.4	.3								6.0	5.4
VARBL													
CALM												32.3	
	21.3	27.4	14.4	4.5	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 764

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	4.5	2.9	.1								11.7	4.8
NNE	1.3	2.2	1.9	.4								5.9	5.9
NE	1.7	1.3	1.0	.6								4.5	5.4
ENE	.6	.9	.8	.1								2.3	5.8
E	.4	2.0	1.6	.2								4.2	6.5
ESE	.1	.4	.4	.1								1.1	6.6
SE	.2	.3	.3	.1								1.0	6.9
SSE	1.0	.6	.8	.3								2.7	5.8
S	2.1	2.5	2.1	.7								7.4	5.9
SSW	1.9	1.7	1.8	.7								6.0	5.8
SW	1.2	1.1	1.8	.1								4.2	5.7
WSW	1.0	1.7	1.0	.1								3.8	5.0
W	1.8	2.7	2.5	.2	.1							7.3	5.8
WNW	1.3	2.8	.8	.1								5.0	5.0
NW	.9	1.9	1.0	.2								4.0	5.7
NNW	1.9	2.3	1.3	.4								6.0	5.8
VARBL													
CALM												22.9	
	21.6	28.9	21.9	4.5	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70.73-80 YEARS MAR MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.8	5.0	2.3								11.0	8.1
NNE	1.0	2.8	2.9	1.0								7.6	6.9
NE	.8	1.1	1.1	.4								3.3	6.3
ENE	.5	2.6	2.2	.5								5.8	6.6
E	.9	2.6	4.8	.8								9.0	7.2
ESE	1.2	2.9	1.5									5.6	5.4
SE	.3	1.2	1.0	.2								2.7	6.3
SSE	.4	.9	1.5	.4								3.2	7.3
S	1.0	1.7	3.6	1.9								6.2	8.0
SSW	.2	1.2	2.8	.6	.2							5.1	8.4
SW	.4	1.6	2.3	.8								5.1	7.7
WSW	1.1	1.3	2.0	.8	.1							5.3	7.1
W	1.0	1.7	2.8	1.7	.2	.1						7.5	8.6
WNW	.6	.6	3.2	.6	.1	.1						5.4	8.4
NW	.4	.9	2.0	1.0								4.3	8.3
NNW	.9	1.4	2.3	2.8	.2							7.5	9.0
VARBL													
CALM												3.3	
	11.6	27.2	40.9	15.8	.9	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	3.0	2.2	.1							6.6	9.4
NNE	.3	.6	1.2	.3								2.5	7.6
NE	.2	.8	.5									1.5	6.6
ENE	.2	.8	1.3	.2								2.5	7.5
E	.9	2.6	5.2	.6								9.2	7.2
ESE	.8	2.2	4.5	.3								7.7	7.1
SE	.2	2.9	4.1	.3								7.5	7.1
SSE	.4	3.3	3.9	1.5								9.1	7.6
S	.5	2.7	8.5	5.4	.2							17.3	9.3
SSW	.1	.5	2.2	2.9								5.7	10.9
SW	.2	.1	.5	.6								1.5	9.1
WSW	.4	.4	1.2	1.6								3.7	9.5
W		1.6	2.8	2.7	.6							7.7	10.5
WNW	.4	.9	2.9	1.6								5.8	9.0
NW	.1	.9	2.5	1.6	.1							5.2	9.1
NNW	.1	.2	2.9	1.9	.1							5.3	10.2
VARBL													
CALM												1.2	
	5.4	21.3	47.1	23.9	1.2							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	2.5	1.4								4.9	9.0
NNE	.3	.2	1.1	.1								1.7	7.1
NE	.1	.9	.3									1.3	5.8
ENE	.1	.2	1.0	.1								1.4	8.2
E	.5	2.8	3.8	.9								8.0	7.2
ESE	.5	2.3	4.9	.3								8.1	7.4
SE	.5	3.0	2.0	.2								5.8	6.3
SSE	.4	3.4	4.0	.8								8.6	7.1
S	.6	4.2	10.1	5.8								20.8	8.8
SSW	.2	1.3	5.4	4.8	.4							12.2	10.5
SW	.3	.3	.4	.1								1.2	6.1
WSW	.3	1.1	1.0	.8								3.1	7.7
W	.6	.3	2.2	2.8	.3							6.2	10.9
WNW	.3	.5	2.3	3.0	.2							6.3	10.6
NW	.2	.6	1.7	1.7		.1						4.4	10.0
NNW	.3	.8	2.0	1.4	.1							4.6	9.5
VARBL													
CALM												1.4	
	5.7	22.9	44.6	24.2	1.1	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.1	1.1	.4								4.2	5.6
NNE	.4	.8	.3									1.5	4.6
NE	.2	.3	.9									1.4	6.2
ENE	.2	.6	1.2	.1								2.2	6.9
E	1.4	4.0	2.8	.5								8.7	6.2
ESE	1.7	2.6	1.2	.1								5.6	5.0
SE	.9	1.5	.5	.3								3.2	5.4
SSE	2.6	3.7	1.0	.2								7.4	4.8
S	1.9	5.3	4.0	1.1								12.3	6.3
SSW	3.9	6.0	6.8	.9								17.5	6.1
SW	1.1	.8	.4									2.3	4.5
WSW	.9	1.1	.4									2.4	4.7
W	2.2	1.9	2.3	.4	.3							7.1	6.4
WNW	.4	1.4	1.1	.5								3.4	7.2
NW	.5	.6	1.3	.5	.2							3.2	8.1
NNW	.3	.5	.9	.8								2.5	8.8
VARB.													
CALM												15.2	
	20.2	32.2	26.0	5.9	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.0	1.1	1.0								4.9	6.2
NNE	.4	.9	.2	.1								1.7	5.0
NE	1.2	.4	.6	.2								2.4	5.3
ENE	.8	.8	.4									2.0	4.7
E	1.3	2.9	3.1	.7								8.0	6.6
ESE	1.1	1.6	.4	.2								3.3	5.0
SE	1.1	.4	.2	.2								2.0	4.3
SSE	1.2	1.1	1.0	.6	.2							4.1	6.7
S	2.4	3.7	2.2	.8		.1						9.2	6.0
SSW	3.1	2.8	1.9	.4								8.2	5.1
SW	3.0	3.0	1.6									7.6	4.4
WSW	1.0	.6	.4									2.0	3.9
W	1.1	2.0	1.0	.1	.2							4.4	6.1
WNW	.3	.9	1.6	.1								2.9	7.0
NW	.1	.3	1.1	.7	.1							2.3	9.5
NNW	.4	1.0	.7	.7	.2							3.0	8.6
VARBL													
CALM												31.8	
	20.6	23.4	17.6	5.8	.8	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

899

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.1	2.2	1.1	.0							7.3	6.6
NNE	.7	1.3	1.1	.3								3.3	6.0
NE	.6	.8	.6	.2								2.3	5.9
ENE	.5	1.0	1.0	.2	.0							2.7	6.7
E	.8	2.7	3.3	.5								7.4	6.9
ESE	.8	1.7	1.8	.2								4.5	6.2
SE	.5	1.2	1.2	.2								3.1	6.3
SSE	1.1	1.9	1.8	.6	.0							5.3	6.5
S	1.5	3.2	4.5	2.2	.0	.0						11.4	7.6
SSW	1.5	2.2	3.1	1.4	.1							8.3	7.3
SW	1.1	1.1	1.0	.3								3.6	5.7
WSW	.9	1.0	.9	.4	.0							3.2	6.2
W	1.4	1.9	2.1	1.1	.2	.0						6.7	7.5
WNW	.8	1.2	1.9	.8	.0	.0						4.7	7.6
NW	.5	1.0	1.4	.8	.1	.0						3.8	7.9
NNW	.9	1.3	1.6	1.2	.1							5.0	7.9
VARBL													
CALM												17.1	
	15.4	25.7	29.5	11.5	.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

7050

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.8	.7	.1								5.9	4.3
NNE	1.2	.5	.4									2.1	3.9
NE	.4	.8	.1									1.3	4.5
ENE		1.2	.8									2.0	6.4
E	1.1	2.0	1.1	.1								4.2	5.4
ESE	.5	.7	.8	.1								2.1	5.9
SE	.5	.7	.3	.4								1.8	6.3
SSE	.9	.5	.5	.3								2.2	5.4
S	.9	1.4	3.7	.5								6.6	7.0
SSW	2.1	2.9	1.6	.9	.4							7.9	6.5
SW	3.3	3.4	1.7									8.4	4.6
WSW	2.4	3.3	.4									6.1	3.9
W	2.5	1.7	.5									4.7	3.9
WNW	1.4	.9	.9	.3								3.6	5.2
NW	.7	1.1	.7	.1	.1							2.6	5.8
NNW	.7	1.1	.5	.1								2.4	5.2
VARBL													
CALM												36.0	
	20.9	24.9	14.6	3.0	.5							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.3	1.2	.3								7.0	4.5
NNE	1.6	1.5	1.3									4.4	5.2
NE	.8	.7	.3									1.7	4.2
ENE	.4	.8	.3									1.5	5.1
E	.9	1.5	.4	.3								3.0	4.9
ESE	.1	.9	1.2									2.3	6.5
SE		.1	.4	.1								.7	8.0
SSE	.4	1.1										1.5	3.9
S	2.4	1.3	1.1	.5								5.3	5.2
SSW	2.0	2.1	1.6	.1	.3							6.1	5.7
SW	2.8	2.3	1.3	.4								5.8	5.1
WSW	2.8	2.4	1.2									5.4	4.1
W	2.0	3.2	.5									5.7	4.0
WNW	1.5	1.6	1.2									4.2	4.7
NW	.3	.8	.5									1.6	5.8
NNW	2.3	2.4	.7	.1								5.4	4.5
VARBL													
CALM												36.6	
	23.4	24.8	13.1	1.9	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

APR
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	4.7	3.1	.3								11.8	5.2
NNE	1.6	2.4	1.5	.1								5.6	5.3
NE	.5	1.1	.6	.1	.1							2.4	6.3
ENE	.7	1.1	.3	.1								2.3	5.1
E	1.1	1.1	1.2	.1								3.6	5.6
ESE	.5	1.0	.6	.1								2.2	5.8
SE	.2	.6	.7	.1								1.6	6.9
SSE	.7	.9	.6	.1								2.3	5.3
S	1.5	2.7	.7	1.2								6.1	5.9
SSW	.9	1.8	1.6	.2	.2	.1						4.9	7.3
SW	1.1	2.7	.8	.1								4.8	5.0
WSW	2.3	2.7	1.6	.5								7.0	5.3
W	2.3	3.2	2.6	.3								8.4	5.6
WNW	1.2	1.5	1.9	.1								4.8	5.7
NW	1.0	.8	.7	.1								2.6	5.2
NNW	2.2	2.7	.8	.3								6.0	4.9
VARBL													
CALM												23.6	
	21.5	31.1	19.2	4.1	.3	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

APP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.8	4.0	1.2	.6							9.5	8.3
NNE	.3	1.4	2.1	1.1								5.0	8.1
NE	.7	1.3	1.2	.2								3.5	6.3
ENE		.9	2.0	.2								3.1	7.9
E	.8	2.0	5.0	.4								8.2	7.4
ESE	.7	1.3	2.6	.1								4.7	6.6
SE	.3	1.3	2.1	.3								4.1	7.4
SSE	.6	2.3	3.2	.1								6.2	6.6
S	.8	2.1	4.1	4.0	.6							11.6	9.4
SSW	.3	.7	1.3	1.0	.1							3.5	9.0
SW	.2	1.3	1.9	.6	.1							4.1	7.8
WSW	.9	2.8	2.3	.7								6.7	6.7
W	.9	4.8	4.5	1.9		.1						12.2	7.6
WNW	.7	2.7	2.3	1.0	.1							6.8	7.3
NW	.3	1.1	1.4	.7								3.6	7.6
NNW	.3	1.9	2.9	.9								6.0	7.9
VARBL													
CALM												1.2	
	8.7	30.9	43.1	14.5	1.4	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	1.8	1.1	.1							3.9	9.2
NNE			1.2									1.2	8.7
NE		.2	.1									.3	5.7
ENE	.1	.1	.4	.2								.9	8.0
E	.6	.8	4.7	1.3								7.4	8.7
ESE	.4	1.9	5.5	.7								8.5	8.1
SE	.1	2.6	4.3	.4								7.5	7.6
SSE	.2	1.9	7.0	.9								10.0	8.3
S	.3	2.1	10.5	11.7	.6							25.2	10.6
SSW	.1	.2	1.7	3.8	1.0							6.8	13.0
SW	.1	.2	1.2	.3								1.9	8.7
WSW	.1	.2	1.6	1.2								3.1	9.9
W	.1	2.0	4.0	1.9	.3							8.4	9.1
WNW		1.7	3.5	1.1	.1							6.4	8.5
NW	.3	.6	2.1	.9	.1							4.0	8.7
NNW	.2	.7	2.2	1.2	.1							4.5	9.1
VARBL													
CALM												.1	
	3.1	15.7	51.8	26.9	2.3							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.3	1.0								2.8	9.6
NNE		.2	.2		.1							.6	9.6
NE													
ENE	.2	.7	.7	.1								1.7	6.3
E	.2	1.1	3.3	.9								5.6	8.3
ESE		2.6	3.3	1.2								7.1	7.9
SE	.4	1.2	3.3									5.0	7.2
SSE	.6	3.0	6.1	.7								10.3	7.4
S	.2	3.8	12.0	10.1	.4							26.6	10.1
SSW	.1	1.1	5.0	8.9	1.1							16.2	11.6
SW		.1	.8	.1	.1							1.1	9.5
WSW	.2	.1	1.4	.9	.1							2.8	9.6
W	.2	.9	2.2	2.2	.1							5.7	10.0
WNW	.4	.8	3.2	1.4	.3							6.2	9.6
NW	.3	.6	1.9	.7	.1							3.6	9.1
NNW	.3	.6	2.7	1.0								4.6	8.9
VARBL													
CALM												.2	
	3.3	17.1	47.6	29.3	2.4							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC 69-70, 73-80 YEARS
ALL WEATHER CLASS
CONDITION
APC MONTH 1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	.9	.3		.1						2.6	7.5
NNE	.2	.6	.1									.9	4.6
NE	.3	.2										.6	3.0
ENE	.2	.4		.1								.8	5.1
E	1.2	3.3	2.4	.2								7.2	6.1
ESE	1.6	2.7	1.3	.1								5.7	5.4
SE	1.3	2.1	.2									3.7	4.1
SSE	1.1	2.6	1.3	.2								5.2	5.6
S	3.7	7.1	6.7	1.8								18.6	6.5
SSW	2.3	6.1	8.8	3.9	.1							21.2	7.7
SW	1.6	1.4	1.6	.7								5.2	6.0
WSW	.8	1.3	.3									2.4	4.6
W	1.3	1.2	1.6	.4								4.6	6.0
WNW	.3	1.0	1.1	.3								2.8	7.2
NW	.7	1.4	1.6	.1								3.8	6.3
NNW	.8	.9	.8	.1								2.6	5.7
VARBL													
CALM												12.3	
	17.3	33.1	28.7	8.3	.1	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE W

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

ALL WEATHER
CLASS

21

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	2.7	.8	.5									3.
NNE	.9	.5	.1									1.
NE	.3	.8										1.
ENE	.3	.5	.3									1.
E	1.5	3.6	1.3	.2								6.
ESE	.7	2.4	1.0									4.
SE	.6	.8	.6									2.
SSE	2.2	1.5	1.5									5.
S	2.5	3.7	2.6	.8	.1							9.
SSW	4.0	3.4	3.6	.5								11.
SW	3.1	4.5	2.2									9.
WSW	2.9	2.9	.6									6.
W	1.1	1.8	.7									3.
WNW	.3	1.1	1.0	.6								3.
NW	.5	1.0	.3									1.
NNW	.2	.3	.5									1.
VARBL												
CALM												28.
	23.2	29.7	16.8	2.1	.1							100.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SC 69-70,73-80 APR
STATION STATION NAME YEARS MONTH
ALL
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.8	1.7	.6	.1	.0						5.8	6.3
NNE	.7	.9	.9	.2	.0							2.6	6.1
NE	.4	.6	.3	.0	.0							1.4	5.4
ENE	.2	.7	.6	.1								1.7	6.3
E	.9	1.9	2.5	.5								5.8	6.7
ESE	.6	1.7	2.1	.3								4.7	6.8
SE	.5	1.2	1.5	.2								3.4	6.7
SSE	.8	1.8	2.6	.3								5.5	6.7
S	1.4	3.1	5.3	4.0	.2							14.1	8.6
SSW	1.5	2.3	3.2	2.5	.4	.0						9.9	8.5
SW	1.5	2.0	1.4	.3	.0							5.1	5.6
WSW	1.5	1.9	1.2	.4	.0							5.0	5.6
W	1.3	2.3	2.1	.9	.1	.0						6.7	6.8
WNW	.7	1.4	1.9	.6	.1							4.8	7.3
NW	.5	.9	1.2	.3	.0							3.0	7.1
NNW	.8	1.3	1.4	.5	.0							4.1	6.7
VARBL													
CALM												16.4	
	14.9	25.9	30.1	11.7	1.0	.0						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 6857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,75-80 YEARS MAY MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.2	.3	.1								5.2	3.6
NNE	2.3	2.6	.4	.1								5.4	4.0
NE	1.3	1.5	.1									3.0	3.5
ENE	.3	.3	.4									.9	5.7
E	1.7	1.6	1.2	.5								5.1	5.4
ESE	.8	1.6	.5									3.0	4.6
SE	.5	.5	.8									1.9	5.3
SSE	1.1	.7	1.3									3.1	5.3
S	2.0	2.6	.8	.7								6.0	5.1
SSW	2.8	2.0	1.2									6.0	4.3
SW	2.2	2.2	.5									4.8	4.0
WSW	4.7	2.4										7.1	3.0
W	4.8	2.4	.4									7.7	3.3
WNW	.8	.5										1.3	3.0
NW	.4	.1										.5	3.5
NNW	1.2	.1	.3									1.6	3.2
VARBL													
CALM												37.2	
	29.7	23.3	8.3	1.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 74-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	2.4	.9									8.7	3.4
NNE	2.5	3.4	.9									6.8	4.2
NE	.8	1.3	.7	.1								2.9	5.3
ENE	.1	.7	.1									.9	4.6
E	.7	1.3	.8									2.8	4.9
ESE	.9	1.2	.1									2.3	3.5
SE	.4	.7	.4									1.5	5.1
SSE	.9	.3	.9	.3								2.4	5.7
S	.9	1.5	1.7	.3								4.4	5.9
SSW	2.0	.8	.8	.3								3.9	4.4
SW	1.3	1.3	.4									3.1	4.0
WSW	2.5	2.8	.3									5.6	3.7
W	5.5	2.7	.3									8.4	3.1
WNW	1.3	.9	.1									2.4	3.6
NW	.5											.5	2.3
NNW	1.3	1.3										2.7	3.7
VARBL													
CALM												40.5	
	27.3	22.7	8.6	.9								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SC

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	4.2	1.9	.4	.1							11.1	4.7
NNE	2.3	3.5	2.3	.1								8.1	5.0
NE	1.8	1.8	.1									3.8	4.1
ENE	.4	1.2	.6									2.3	5.2
E	.9	1.6	.9									3.3	5.2
ESE	.4	1.2	.4									2.0	4.8
SE	.6	.9	.2									1.7	4.6
SSE	.8	.9	1.4	.3		.1						3.5	7.2
S	1.0	1.5	1.4	.2								4.1	5.8
SSW	1.1	1.7	1.1	.2								4.1	5.3
SW	1.9	1.7	.9	.2								4.7	4.7
WSW	1.5	2.9	.9	.1								5.4	4.9
W	3.3	4.3	1.6	.1								9.4	4.6
WNW	2.7	1.8	.6									5.2	4.0
NW	1.0	1.1	.1									2.2	3.8
NNW	2.0	2.5	.1									4.6	3.8
VARB													
CALM												24.5	
	26.2	32.8	14.6	1.7	.1	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAY MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.1	3.1	1.1								10.0	6.8
NNE	.4	2.2	2.2									4.7	6.0
NE	.5	1.6	.5	.1								2.8	5.7
ENE	.4	1.7	1.9	.3								4.4	6.9
E	.2	3.8	5.0	1.0								9.9	7.4
ESE	.5	2.4	2.3	.2								5.4	6.4
SE	.8	2.5	1.3	.3	.1							5.0	6.4
SSE	.8	2.4	2.5	.1								5.7	6.4
S	1.3	3.8	3.9	2.5								11.4	7.7
SSW	.6	1.3	.8	.5	.1							3.3	6.9
SW	1.0	1.4	1.2	.2								3.8	5.7
WSW	1.6	2.6	2.5	.1								6.8	5.7
W	2.8	4.8	3.4	.1								11.2	5.5
WNW	1.2	1.8	1.8	.2								5.1	5.7
NW	.8	1.2	1.0									2.9	5.2
NNW	.9	1.7	1.3	.1								4.0	5.7
VARBL													
CALM												3.7	
	15.5	39.2	34.6	6.9	.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	1.8	.9	.1							4.6	7.9
NNE	.3	.8	.8	.1								1.9	5.9
NE		.6										.6	5.5
ENE	.2	.4	.9	.5								2.0	8.2
E		1.7	4.8	.9								7.4	8.3
ESE	.2	3.0	5.7	.8								9.7	8.0
SE	.2	2.8	4.4	.8								8.2	7.5
SSE	1.2	4.3	6.1	1.6								13.8	7.3
S	1.2	4.5	13.9	5.6								25.2	8.7
SSW	.3	.5	1.6	1.6	.4							4.5	10.5
SW	.1	.5	.2	.8								1.6	9.3
WSW	.5	1.3	1.0	.2								3.0	6.1
W	.2	2.7	3.1	.8								6.8	7.3
WNW	.5	1.3	2.3									4.1	6.7
NW	.3	.9	1.2	.1								2.5	6.8
NNW	.3	1.1	1.5	.3								3.2	6.8
VABDL													
CALM												.9	
	5.8	28.7	49.2	14.0	.5							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAY MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	2.0	.5								4.6	7.4
NNE	.3	.5	.5									1.4	5.9
NE		.2										.2	5.5
ENE		.2	1.1	.1								1.4	8.6
E	.2	2.3	3.8	1.1								7.3	8.0
ESE	.5	3.0	3.9	.3								7.7	7.0
SE	.5	2.9	4.5	.8								8.7	7.3
SSE	.4	3.4	4.7	1.0								9.6	7.4
S	1.8	5.3	14.3	7.7	.1							29.2	8.7
SSW	.6	1.8	8.0	3.9	.2							14.5	9.3
SW	.4	.4	1.2	.6	.1							2.8	8.1
WSW		.4	.8	.1								1.3	7.6
W	.2	1.3	1.7	.1								3.3	7.0
WNW	.4	1.0	.9	.2								2.5	6.7
NW	.2	.4	1.0	.1								1.7	7.6
NNW	.1	.8	.4	.2								1.5	6.8
VARB													
CALM												1.9	
	6.1	26.0	48.7	16.8	.4							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS
ALL WEATHER CLASS
CONDITION
MAY MONTH
1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	.8	.2	.1							3.8	6.0
NNE	.5	.5	.1	.1								1.3	4.3
NE	.5	.1				.1						.8	5.9
ENE	.2	1.1	.6									1.9	5.9
E	1.0	4.0	3.0	.4								8.4	6.2
ESE	1.0	3.3	1.4	.2								5.9	5.4
SE	1.4	3.1	1.0	.4								5.9	5.5
SSE	1.5	3.7	1.6	.1								6.9	5.1
S	3.1	6.1	6.7	1.8								17.7	6.7
SSW	4.7	7.1	8.0	1.3	.1							21.2	6.2
SW	1.8	2.3	.6	.5								5.3	5.1
WSW	.9	1.1	.2									2.2	4.0
W	.9	.8	.4	.1								2.2	4.8
WNW	.1	.3	.4	.1								1.0	6.7
NW	.2	.2	.3	.1								.9	6.1
NNW	.2	.1	.3									.6	5.7
VARBL													
CALM												14.2	
	18.8	35.7	25.5	5.5	.2	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.8	.3	.2								2.8	4.5
NNE	1.6	1.4	.1									3.1	3.4
NE	.6	.7										1.3	3.8
ENE	.6	1.2	.9									2.6	5.6
E	1.3	2.6	2.4	.1								6.4	5.8
ESE	1.2	1.2	.2	.1								2.6	4.4
SE	.8	2.3	.8	.1								4.0	5.4
SSE	1.6	1.2	1.7	.3								4.8	5.6
S	3.8	3.2	2.3	.1								9.4	4.8
SSW	4.9	5.4	2.4	.2								13.0	4.7
SW	5.3	4.6	1.0									10.9	3.7
WSW	1.8	2.2	.3									4.4	3.6
W	.9	.8										1.7	3.7
WNW	.7	.3										1.0	2.7
NW	.3	.2	.1									.7	3.7
NNW	.2	.2	.1	.1								.7	6.0
VARB													
CALM												30.4	
	27.0	28.3	12.9	1.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

869

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717

MYRTLE BEACH AFB SC

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.4	1.5	.5	.0							6.4	5.5
NNE	1.2	1.8	.9	.1								4.0	4.8
NE	.7	1.0	.2	.0		.0						1.9	4.7
ENE	.3	.9	.9	.1								2.1	6.5
E	.7	2.4	2.8	.5								6.5	6.8
ESE	.7	2.2	1.9	.2								5.0	6.3
SE	.7	2.0	1.7	.3	.0							4.8	6.5
SSE	1.0	2.3	2.6	.5		.0						6.4	6.5
S	1.9	3.6	5.9	2.5	.0							13.9	7.6
SSW	2.1	2.6	3.1	1.1	.1							9.0	6.6
SW	1.7	1.8	.8	.3	.0							4.6	4.9
WSW	1.6	1.9	.8	.1								4.4	4.6
W	2.2	2.5	1.4	.2								6.3	4.9
WNW	1.0	1.0	.8	.1								2.9	5.2
NW	.5	.5	.5	.0								1.5	5.4
NNW	.8	1.0	.5	.1								2.4	5.1
VARBL													
CALM												18.0	
	19.0	29.9	26.3	6.5	.2	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

7005

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC 69-70,74-80 YEARS JUN MONTH
1000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	1.8	.7	.3								6.2	4.1
NNE	1.1	2.6	.8									4.6	4.8
NE	.7	.3	.6									1.5	4.8
ENE		.4										.4	4.3
E	.8	1.2	.8	.1								3.1	5.5
ESE	.8	1.9	.3									3.1	4.6
SE	.8	1.1	.1									2.1	4.0
SSE	.7	1.8	.6									3.1	4.6
S	1.1	2.4	.7									4.2	4.9
SSW	4.2	1.9	1.7	.4								8.2	4.7
SW	5.1	3.3	.7									9.2	3.5
WSW	3.5	2.6	.1									6.2	3.3
W	1.8	1.8	.1									3.7	3.5
WNW	.7	.6										1.2	2.9
NW	.4	.3										.7	3.2
NNW	.7	.8	.1									1.7	4.2
VARBL													
CALM												40.9	
	25.9	25.0	7.4	.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 721

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	3.7	1.5	.1								9.8	4.2
NNE	1.6	3.1	2.0									6.8	5.2
NE	.5	1.2		.1								1.9	4.2
ENE	.4		.1									.5	4.5
E	.3	.7	.3									1.2	5.1
ESE	1.0	.7										1.6	3.6
SE	1.4	.8										2.2	2.8
SSE	.5	.7	.3									1.5	4.4
S	.8	1.0	.5	.3								2.6	5.6
SSW	2.7	2.2	.7	.4								6.0	4.6
SW	2.7	2.9	.3	.1								6.0	4.1
WSW	3.4	1.5	.1	.1								5.2	3.5
W	3.3	1.6	.1									5.0	3.1
WNW	1.0	.5										1.5	3.3
NW	.1	.3										.4	3.3
NNW	1.5	.1	.1									1.8	3.2
VARBL													
CALM												45.8	
	25.8	21.0	6.1	1.2								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-83
YEARS

JUN
MONTH

ALL WEATHER
CLASS

6600-08
HOURS (L.S)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WII SPE
N	4.2	3.7	2.2									17.1	4
NNE	2.8	4.9	3.0	.2								11.0	5
NE	1.3	2.2	.2									3.8	4
ENE	1.2	1.0										2.2	3
E	.7	.8										1.5	3
ESE	.3	.9	.2									1.5	4
SE	.4	.6	.1									1.1	4
SSE	.7	.4	1.1	.3								2.6	6
S	1.0	1.5	1.3									3.8	5
SSW	1.2	1.7	.4	.1								3.5	4
SW	2.5	1.8	.4	.1								4.8	4
WSW	3.7	3.1	.9									7.8	4
W	4.2	2.7	1.2									8.1	3
WNW	2.6	2.1	.2									4.9	3
NW	.9	1.0										1.9	3
NNW	2.6	.9	.2	.1								3.8	3
VARBL													
CALM												27.4	
	30.4	29.5	11.8	.9								100.0	3

TOTAL NUMBER OF OBSERVATIONS 0

AD-A110 241

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
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UNCLASSIFIED

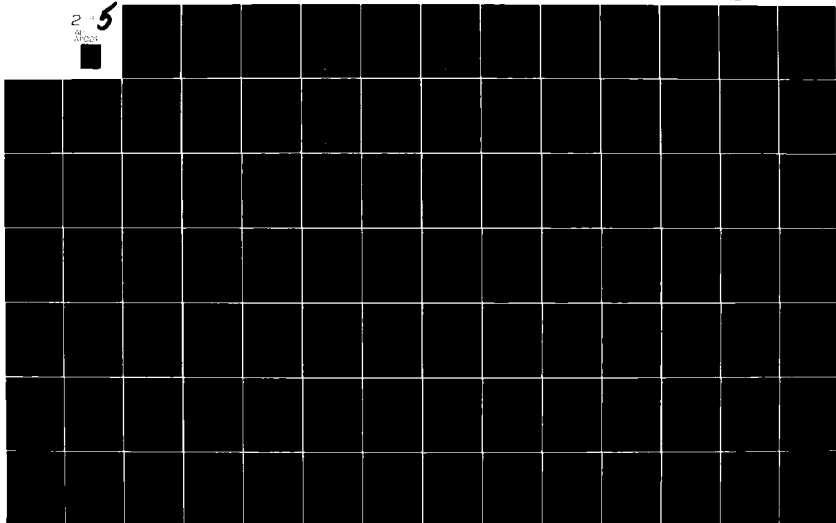
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.2	2.6	.2								6.8	5.9
NNE	2.1	3.4	2.9	.4								8.9	5.9
NE	.7	1.8	1.4	.1								4.0	5.9
ENE	1.0	1.3	1.7									4.0	5.8
E	1.6	4.1	2.8	.3								8.8	5.7
ESE	1.4	3.6	1.7	.1								6.8	5.5
SE	.9	1.3	1.0	.2								3.4	5.8
SSE	.8	2.2	2.0	.1								5.1	6.2
S	.8	3.8	5.6	.7								10.8	7.2
SSW	.4	1.1	.8	.1								2.4	6.5
SW	1.3	1.2	.7	.1								3.3	4.6
WSW	1.4	3.6	1.1	.2								6.3	5.3
W	3.2	6.0	2.3	.1								11.7	4.9
WNW	2.6	2.7	.3									5.6	3.8
NW	2.0	1.1	.3									3.4	3.6
NNW	1.4	1.7	.2									3.3	3.9
VARBL													
CALM												5.3	
	23.4	41.1	27.3	2.8								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717

MYRTLE BEACH AFB SC

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	1.4	.3								4.9	5.8
NNE	.4	1.1	1.8	.1								3.4	6.9
NE	.3	.6	1.0									1.9	5.9
ENE	.1	.9	1.0	.2								2.2	7.2
E	.2	3.1	3.2	.1								6.7	6.8
ESE	.7	3.0	5.3	.8								9.8	7.4
SE	.6	3.9	4.3	.2								9.0	6.7
SSE	1.2	6.1	4.8	.7								12.8	6.5
S	.7	5.8	15.0	4.8	.1							26.3	8.5
SSW	.2	1.2	2.1	.4								4.0	7.7
SW	.3	.6	.8									1.7	6.3
WSW	1.1	1.3	1.4	.3								4.2	5.8
W	1.2	2.7	1.9	.4								6.2	6.0
WNW	.7	.6	.6									1.8	4.9
NW	.4	.8	.3	.1								1.7	5.6
NNW	.3	.9	.7	.6								2.4	7.0
VARBL													
CALM												1.0	
	9.6	34.6	45.7	9.1	.1							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	1.6	.1								2.9	7.3
NNE	.6	1.3	.9		.2							3.0	6.6
NE	.2	.2	.3									.8	5.6
ENE	.5	.9	1.3	.1								2.7	6.6
E	.8	3.3	1.9	.2								6.3	6.2
ESE	.6	3.3	4.7	.2								8.8	6.7
SE	.2	2.4	3.3	.6								6.5	7.2
SSE	1.1	4.6	3.9	1.0								10.6	6.7
S	1.4	9.1	15.9	6.7								33.1	8.2
SSW	.1	2.4	6.6	2.6								11.8	8.9
SW	.7	.5	.5	.1								1.7	5.5
WSW	.2	1.4	.9									2.5	6.0
W	.8	1.5	1.5	.5								4.2	6.4
WNW	.3	.2	.3									.9	5.0
NW	.5	.2	.3	.1								1.1	6.0
NNW		.5	1.0	.1								1.6	8.0
VARB													
CALM												1.4	
	8.2	32.7	45.0	12.5	.2							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9	.8					.1				2.4	7.1
NNE	1.2	.8	.5	.1								2.5	4.6
NE	.5	.3	.2	.1								1.2	5.9
ENE	.7	1.0	.9	.1								2.8	5.5
E	1.2	4.4	1.5									7.0	5.1
ESE	.9	3.0	1.6									5.5	5.3
SE	1.6	3.2	1.2	.2								6.2	5.0
SSE	3.0	3.2	1.4									7.6	4.5
S	4.7	7.2	7.3	1.0								20.2	6.0
SSW	4.5	8.8	5.8	1.3								20.3	5.8
SW	2.2	2.1	.5	.2								5.0	4.5
WSW	.5	.8	.2	.1								1.6	4.6
W	1.2	.3	.1									1.6	3.3
WNW	.3	.6										.9	3.5
NW	.5	.5										.9	3.6
NNW	.3	.3	.3			.1						1.2	6.9
VARBL													
CALM												13.0	
	23.8	37.5	22.3	3.2		.1		.1				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

867

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.5	.4									2.7	3.6
NNE	1.2	2.3	.2									3.8	4.1
NE	.6	1.0	.2									1.8	4.1
ENE	1.0	.9	.5									2.3	4.5
E	2.0	2.7	.2									4.9	4.0
ESE	1.7	1.8	1.1									4.6	4.5
SE	1.3	1.6	.7									3.7	4.6
SSE	1.6	1.7	1.0	.1								4.4	5.0
S	2.1	3.2	2.2	.2								7.7	5.2
SSW	5.5	4.9	3.2	.2								13.8	4.6
SW	5.0	5.1	.9									11.0	4.0
WSW	2.2	1.2										3.4	3.1
W	.7	.4	.4									1.5	4.4
WNW	.1		.1									.2	6.0
NW	.4	.1										.5	2.5
NNW	.1		.1									.2	6.0
VARBL													
CALM												33.4	
	27.4	27.4	11.2	.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS JUN MONTH ALL HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.0	1.4	.1				.0				5.7	5.0
NNE	1.4	2.4	1.6	.1	.0							5.5	5.5
NE	.6	1.0	.5	.0								2.1	5.1
ENE	.6	.8	.7	.1								2.2	5.5
E	.9	2.6	1.4	.1								5.1	5.6
ESE	.9	2.3	2.0	.1								5.4	6.0
SE	.9	1.9	1.4	.2								4.4	5.7
SSE	1.2	2.7	2.0	.3								6.1	5.9
S	1.6	4.3	6.4	1.8	.0							14.1	7.3
SSW	2.3	3.0	2.7	.7								8.7	6.0
SW	2.4	2.1	.6	.1								5.2	4.2
WSW	1.9	2.0	.6	.1								4.6	4.4
W	2.0	2.2	1.0	.1								5.4	4.7
WNW	1.1	.9	.2									2.2	3.9
NW	.7	.6	.1	.0								1.4	4.1
NNW	.9	.7	.4	.1		.0						2.0	4.9
VARBL													
CALM												19.8	
	21.6	31.5	23.0	4.1	.0	.0		.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 6703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 74-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.5										3.6	3.1
NNE	1.3	1.0	.3									2.5	3.7
NE	.5	.4										.9	3.7
ENE	.4	.5										.9	3.1
E	.6	.6	.5	.1								1.9	5.3
ESE	.9	.3	.1									1.3	2.9
SE	.6	.3										.9	3.1
SSE	.5	.4										.9	3.3
S	1.9	1.5	1.4	.3								5.0	5.4
SSW	2.5	3.1	.6									6.3	4.0
SW	7.9	3.1	1.0									12.0	3.2
WSW	4.9	2.4	.8									8.0	3.5
W	4.3	1.1	.3									5.6	2.7
WNW	.5	.4		.1								1.0	4.0
NW	.3	.1										.4	2.7
NNW	.8	.3										1.0	2.5
VARBL													
CALM												47.9	
	29.8	16.9	4.9	.5								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 74-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	1.9	.3									5.8	3.1
NNE	2.5	1.0										3.5	2.8
NE	.6	1.0	.1									1.8	4.2
ENE	.4	.4	.3									1.0	5.1
E	.1	.3	.5									.9	6.7
ESE	.1	.1										.3	3.5
SE		.4										.4	4.7
SSE	.1	.1										.3	3.5
S	1.4	1.1	1.3	.1								3.9	5.3
SSW	1.1	1.0	.4									2.5	4.1
SW	4.4	.9	.1									5.4	2.5
WSW	4.9	3.1	.1									8.1	3.0
W	4.3	1.5	.8									6.5	3.3
WNW	1.8	.5										2.3	2.7
NW	1.5											1.5	1.8
NNW	.8	.1										.9	2.3
VARBL													
CALM												55.1	
	27.6	13.4	3.8	.1								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	3.5	.8									9.0	3.6
NNE	2.6	2.8	.5	.1								6.0	4.1
NE	1.4	1.2	.8	.1								3.5	4.8
ENE	.5	.6	.2	.1								1.5	5.1
E	.2	.8	.5									1.5	5.9
ESE		.6	.2									.9	5.6
SE	.2	.2										.4	3.5
SSE	.1	.3	.1									.5	4.6
S	1.1	2.1	1.0	.1								4.2	5.2
SSW	1.9	1.0	.2									3.1	3.4
SW	3.1	1.8	.5									5.5	3.5
WSW	5.2	4.1	.3									9.6	3.4
W	5.0	6.0	1.0									12.0	3.9
WNW	1.6	1.7	.3									3.7	3.6
NW	1.4	1.4	.2									3.0	3.9
NNW	1.4	.9	.3									2.6	3.6
VARBL													
CALM												32.9	
	30.6	29.0	7.0	.4								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

926

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS JUL MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	.8									4.1	4.7
NNE	1.1	1.5	1.5	.4								4.5	6.0
NE	1.0	1.2	.6									2.8	5.2
ENE	.6	1.8	1.6	.1								4.2	6.3
E	.6	2.5	1.8	.2	.1							5.3	6.2
ESE	.6	1.7	2.4	.2								4.9	6.8
SE	.9	2.3	1.4									4.5	5.6
SSE	.8	3.1	1.7									5.6	5.7
S	1.9	5.5	5.3	1.3								14.0	6.8
SSW	.5	1.4	.5	.1								2.6	5.6
SW	1.7	1.9	.5									4.2	4.2
WSW	3.4	4.9	2.2									10.5	4.6
W	4.8	5.4	2.5	.1								12.8	4.6
WNW	2.3	3.8	1.4	.1								7.5	4.7
NW	1.3	1.7	.3									3.3	4.1
NNW	1.8	1.6	.8	.1								4.3	4.5
VARBL													
CALM												4.8	
	24.8	42.3	25.3	2.7	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	.2	.1								2.7	4.8
NNE	.3	.9	.6	.1			.1					2.0	7.2
NE	.3	.6	.4									1.4	5.7
ENE	.1	.6	1.0									1.7	6.6
E	.3	2.7	2.8	.1								5.9	6.7
ESE	.6	3.3	3.2	.2								7.4	6.5
SE	.5	1.8	3.2	.2								5.8	7.1
SSE	.8	4.1	6.8	1.4								13.0	7.4
S	.9	8.4	14.4	7.0	.1							30.8	8.6
SSW	1.2	1.1	3.4	1.3	.1							7.1	8.0
SW	.5	.9	.6	.1								2.2	5.6
WSW	1.1	1.1	1.2									3.3	5.4
W	1.7	3.2	1.4	.1	.1							6.6	5.4
WNW	.9	1.8	1.4									4.1	5.4
NW	.5	1.5	.5	.1								2.7	5.2
NNW	.8	.3	.8									1.8	4.8
VARB													
CALM												1.5	
	11.2	34.1	42.0	10.8	.3		.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.3									1.5	5.2
NNE	.1	.5	.3									1.0	5.4
NE	.2	.1	.1									.4	4.5
ENE	.1	.3	.5	.1								1.1	6.9
E	.4	1.5	3.5	.2								5.7	7.2
ESE	.4	2.4	3.8	.2								6.8	7.0
SE	.5	1.6	1.5	.2								3.9	6.2
SSE	1.0	3.9	4.7	1.3								10.9	7.1
S	.9	8.6	17.4	7.9	.7							35.4	8.8
SSW	.9	3.8	7.3	2.8								14.8	8.2
SW	.7	.8	.4	.3								2.2	6.0
WSW	1.1	1.1	.8									2.9	4.8
W	.9	2.4	1.6	.1								5.0	5.6
WNW	.3	1.1	.4									1.8	5.1
NW	.3	.8	.8									1.8	5.7
NNW	.5	.7	.3									1.5	4.9
VARBL													
CALM												3.2	
	8.8	30.3	43.8	13.3	.7							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.4	.3								2.2	6.0
NNE	.5	.3	.1									1.0	3.7
NE		.3	.1									.4	5.5
ENE	.2	.3	.1									.7	4.5
E	1.5	2.2	1.4									5.1	5.0
ESE	2.3	3.3	.7									6.2	4.2
SE	1.0	1.4	.5									2.9	4.3
SSE	1.4	3.1	1.0	.2								5.7	5.1
S	3.9	10.3	7.7	1.0	.1							23.1	6.0
SSW	4.4	9.2	6.5	1.9								21.9	6.1
SW	1.9	2.3	1.4									5.6	4.7
WSW	1.6	1.4	.4									3.5	4.2
W	.4	.8	.4									1.6	5.0
WNW	1.0	.2	.2									1.4	3.8
NW	.2	.2	.2									.7	5.2
NNW	.3	.1	.1									.5	4.2
VARBL													
CALM												17.5	
	21.4	36.2	21.5	3.4	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.8	.1									2.8	3.1
NNE	.8	.5										1.3	2.8
NE	.3	.6	.1									1.0	4.0
ENE	.8	.7	.1									1.6	3.6
E	1.3	.9	.2									2.4	3.9
ESE	1.8	2.2	.3									4.3	3.8
SE	1.0	.6										1.6	3.1
SSE	.6	.9	.5									1.9	5.0
S	3.2	3.4	1.4	.2								8.2	4.6
SSW	6.2	6.4	2.2	.1								14.8	4.3
SW	7.9	4.1	.9									12.9	3.3
WSW	3.2	1.6	.3									5.1	3.3
W	2.4	.9	.2									3.5	3.1
WNW	.8	.2										1.0	2.4
NW	.2											.2	2.0
NNW	.2	.3	.1									.7	4.3
VARBL													
CALM												36.6	
	32.6	24.0	6.5	.3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.6	.4	.1								3.9	3.9
NNE	1.1	1.1	.4	.1			.0					2.7	4.6
NE	.5	.7	.3	.0								1.5	4.8
ENE	.4	.7	.5	.0								1.6	5.6
E	.6	1.5	1.5	.1	.0							3.7	6.1
ESE	.9	1.8	1.4	.1								4.1	5.7
SE	.6	1.1	.9	.1								2.6	5.6
SSE	.7	2.1	1.9	.4								5.0	6.5
S	1.9	5.3	6.4	2.3	.1							16.0	7.4
SSW	2.3	3.4	2.7	.8	.0							9.2	6.0
SW	3.4	2.0	.7	.1								6.1	3.7
WSW	3.1	2.5	.8									6.4	3.9
W	2.9	2.7	1.0	.0	.0							6.8	4.2
WNW	1.1	1.3	.5	.0								2.9	4.3
NW	.7	.7	.3	.0								1.7	4.3
NNW	.8	.5	.3	.0								1.7	4.1
VARBL													
CALM												23.9	
	23.1	28.8	20.0	4.1	.2		.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

7098

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70, 73-80 YEARS AUG MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	1.5	.2									5.2	3.0
NNE	3.7	2.1	.5									6.3	3.3
NE	1.1	.2	.7									2.0	4.6
ENE	.4											.4	2.0
E	.4	.2	.2	.1								1.0	5.4
ESE	1.0	.5	.1									1.5	3.2
SE	.5	.7	.5									1.7	4.9
SSE	.5	.2	.8									1.5	5.7
S	.5	1.5	1.8	.1								3.9	6.7
SSW	2.1	2.3	1.0									5.4	4.1
SW	5.5	1.5	.2									7.3	2.9
WSW	4.0	2.1	.1	.1								6.4	3.4
W	2.4	1.0	.1									3.5	3.1
WNW	.5	.2	.1									.8	3.9
NW	1.1	.1										1.2	2.4
NNW	1.2	.1										1.3	2.3
VARBL													
CALM												50.6	
	28.1	14.5	6.4	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.5	2.6	.2									8.3	3.1
NNE	3.7	3.0	.4									7.0	3.6
NE	1.4	1.0	.6	.2								3.2	5.0
ENE	.1	.6										.7	4.5
E	.1											.1	2.0
ESE	.8	.1	.2									1.2	4.0
SE	.2	.4	.1									.7	4.8
SSE	.4	.1	.2									.7	4.8
S	.4	2.0	.4									2.7	5.0
SSW	1.5	.9	.2									2.3	3.4
SW	2.3	1.7	.1									4.0	3.4
WSW	2.6	1.5	.1									4.3	3.3
W	3.9	1.9										5.8	3.0
WNW	1.1	.4										1.4	2.7
NW	.2											.2	2.0
NNW	1.5	.4										1.9	2.5
VARBL													
CALM												55.2	
	25.8	16.1	2.6	.2								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

840

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13717

STATION

MYRTLE BEACH AFB SC

STATION NAME

69-70, 73-80

YEARS

AUG

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.6	3.5	.6									9.7	3.4
NNE	4.2	5.4	1.9									11.5	4.5
NE	1.2	1.7	.9									3.8	4.9
ENE	1.0	.3										1.3	2.8
E	.3	.6	.3									1.3	4.8
ESE	.4		.3									.8	5.0
SE	.3	.4										.8	3.9
SSE	.2	.1	.4									.8	7.1
S	.9	1.0	.9	.2								2.9	5.7
SSW	1.5	1.0	.4									2.9	3.7
SW	1.6	2.5	.3									4.4	4.0
WSW	2.8	2.3	.9									5.9	3.9
W	4.3	4.4	.2									9.0	3.7
WNW	1.3	1.9	.1									3.3	3.9
NW	1.8	.4										2.3	2.7
NNW	2.3	.6	.2									3.1	2.8
VARBL													
CALM												36.2	
	29.8	26.2	7.6	.2								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

927

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 MYRTLE BEACH AFB SC

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	.8									5.3	4.8
NNE	1.3	3.0	2.0	.3								6.7	5.8
NE	1.1	3.3	2.0	.2								6.7	6.0
ENE	.9	1.7	1.7	.2								4.5	6.0
E	1.1	3.1	3.6	.2								8.0	6.3
ESE	1.1	2.8	1.1									5.0	5.2
SE	1.0	1.4	.4	.1								2.9	4.9
SSE	.6	2.4	1.6	.2								4.9	6.1
S	1.5	2.7	3.6	.6								8.4	6.5
SSW	.9	1.2	1.5	.1								3.7	6.3
SW	1.5	1.5	.8	.1								3.9	4.8
WSW	2.6	3.3	1.4									7.3	4.6
W	4.2	8.0	2.2	.1								14.5	4.7
WNW	1.5	2.7	.4									4.6	4.3
NW	1.1	1.0	.2									2.3	3.8
NNW	1.6	1.9	.3									3.9	4.1
VARBL													
CALM												7.6	
	23.2	43.4	23.6	2.3								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

927

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	1.3									3.1	5.9
NNE	.1	.9	1.0									1.9	6.6
NE	.6	1.1	.9	.3								2.9	5.9
ENE	1.0	1.2	.9									3.0	5.4
E	1.6	3.5	4.3	.8								10.1	6.5
ESE	.8	4.3	3.2	.4								8.7	6.4
SE	.2	3.6	2.8	.4	.1							7.1	7.0
SSE	.4	5.6	8.0	.6								14.7	7.1
S	.8	7.0	14.2	4.5	.4							27.0	8.4
SSW	.5	1.6	2.4	1.5	.1							6.1	8.3
SW	.3	1.2	.2	.1								1.8	4.9
WSW	.3	1.2	.6									2.2	5.4
W	.8	2.5	1.2									4.4	5.1
WNW	1.0	.8	.4									2.2	4.6
NW	.3	.6										1.0	3.9
NNW	.3	1.1	.1									1.5	4.7
VARB													
CALM												2.2	
	9.5	37.4	41.5	8.7	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.8									1.4	6.3
NNE	.8	1.0	.5									2.3	4.9
NE	.2	1.6	.5	.1								2.5	5.7
NNE	.5	.6	.2									1.4	4.4
E	1.2	2.8	2.4	1.0	.1							7.4	6.7
ESE	1.5	5.8	2.6	.4								10.3	5.7
SE	1.2	3.4	2.2	.4								7.2	6.1
SSE	.6	4.7	5.1									10.4	6.5
S	1.3	6.2	16.8	6.0	.3							30.7	8.6
SSW	.9	3.1	7.1	2.7	.2							14.0	8.6
SW	.6	2.2	.6									3.4	5.0
WSW	.4	.5	.3									1.3	5.0
W	.5	1.3	.4									2.3	4.7
WNW	.2	.2	.1	.1								.6	5.0
NW	.3	.1	.2									.6	4.7
NNW	.2	.3	.2	.1								.9	6.1
VARBL													
CALM												3.2	
	10.7	34.6	40.0	10.9	.6							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.0		.3								3.1	4.1
NNE	1.1	1.7	.5									3.3	4.5
NE	.3	.9	.3	.1								1.6	5.3
NNE	1.3	.5	.2									2.0	3.6
E	2.8	2.2	1.2	.2								6.3	4.6
ESE	2.5	4.6	1.3									8.4	4.5
SE	1.3	1.5	.6									3.4	4.5
SSE	1.4	2.4	.8									4.5	4.7
S	3.7	7.1	4.8	.6								16.2	5.6
SSW	4.2	8.5	7.1	.9								20.6	6.0
SW	2.8	2.4	.6									5.8	4.0
WSW	1.2	.9	.2		.1							2.4	4.5
W	.2	.1	.2									.5	5.4
WNW	.1	.1										.2	3.0
NW	.5	.4	.2	.1								1.3	5.0
NNW	.4	.4	.3									1.2	5.0
VARB													
CALM												18.9	
	25.6	34.6	18.5	2.3	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	1.9	.2									5.0	3.4
NNE	3.0	1.8	.3									5.1	3.3
NE	1.2	.7	.6									2.4	4.3
ENE	.7	.6	.3	.1								1.7	4.9
E	1.6	1.0	.2									2.8	3.4
ESE	1.7	2.0	.8									4.4	4.5
SE	1.2	.9	.1	.1								2.3	4.0
SSE	.6	.8	.2									1.6	4.5
S	2.7	1.4	1.9	.2								6.2	4.9
SSW	3.8	4.2	1.8	.1								9.9	4.5
SW	6.6	4.6	.4									11.6	3.4
WSW	2.7	1.2										3.9	2.9
W	.4	.6	.1									1.1	4.0
WNW	.6											.6	2.6
NW	.1	.1										.2	2.5
NNW	.6	.2	.4									1.2	4.6
VARBL													
CALM												40.0	
	30.1	21.9	7.4	.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70.73-80 YEARS
ALL WEATHER CLASS
AUG MONTH
ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.0	.5	.0								5.1	3.8
NNE	2.2	2.4	.9	.0								5.5	4.4
NE	.9	1.3	.8	.1								3.2	5.4
ENE	.7	.7	.4	.0								1.9	4.9
E	1.1	1.7	1.6	.3	.0							4.7	5.8
ESE	1.2	2.6	1.2	.1								5.1	5.3
SE	.7	1.6	.9	.1	.0							3.3	5.6
SSE	.6	2.1	2.2	.1								5.0	6.4
S	1.5	3.7	5.7	1.6	.1							12.5	7.4
SSW	1.9	2.8	2.7	.7	.0							8.2	6.2
SW	2.6	2.2	.4	.0								5.2	3.8
WSW	2.0	1.6	.5	.0	.0							4.2	3.9
W	2.1	2.5	.6	.0								5.2	4.2
WNW	.8	.8	.2	.0								1.7	4.0
NW	.7	.4	.1	.0								1.1	3.5
NNW	1.0	.7	.2	.0								1.9	3.8
VARBL													
CALM												26.1	
	22.7	28.9	18.9	3.3	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7220

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 74-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	4.1	.7	.1								11.5	3.6
NNE	3.6	6.8	1.5									11.9	4.4
NE	.6	2.1	.2									3.0	4.4
ENE	.4	.6										1.0	4.5
E	1.1	.6	.5									2.2	4.0
ESE	.5	.7	.1									1.4	4.4
SE	.9	.4	.5	.1								1.9	5.4
SSE	.5	.7	.5			.1	.1					2.0	7.6
S	.2	1.4	.9	.6		.1						3.2	8.1
SSW	1.7	1.6	.5	.1								4.0	4.4
SW	1.5	1.1	.1									2.7	3.4
WSW	1.6	.5	.1									2.2	3.0
W	.7	.4										1.1	3.1
WNW	.9	.1										1.0	2.5
NW	.2	.2										.5	3.5
NNW	1.4	.5	.1									2.0	2.8
VARBL													
CALM												48.6	
	22.3	21.9	5.8	1.0		.2	.1					100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70, 74-80 YEARS SEP MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	8.4	7.0	1.5									16.9	3.8
NNE	3.7	7.0	1.9	.1								12.7	4.7
NE	1.0	2.0	.7									3.7	4.5
ENE	.1	.2										.4	4.0
E	.5	.5	.2	.2								1.5	6.3
ESE	.2											.2	3.0
SE	.4	.2	.6									1.2	5.5
SSE	.4	.2	1.0									1.6	5.8
S	.2	1.2	.9			.1	.2					2.7	9.4
SSW	1.0	.6	.2	.1								2.0	4.3
SW	1.0	.5										1.5	2.8
WSW	1.4	.2										1.6	2.5
W	3.3	.1										3.5	2.1
WNW	1.7											1.7	2.4
NW	.5	.2										.7	3.2
NNW	3.6	.4	.2									4.2	2.7
VARBL													
CALM												43.8	
	27.4	20.6	7.3	.5		.1	.2					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.4	7.3	2.3									20.1	3.8
NNE	3.9	8.9	3.8	.2								16.8	5.2
NE	.9	2.6	1.8	.1								5.3	5.7
ENE	.4	.6	.1									1.1	4.3
E	.2	.2	.4									.9	5.4
ESE	.2	.6		.1								.9	4.8
SE	.3	.3	.1									.8	4.1
SSE	.2	.6	.6									1.3	5.7
S	.2	.4	.9		.1		.1					1.8	8.9
SSW	1.1	.7	.1	.1	.1							2.1	4.9
SW	.9	.7	.2									1.8	4.1
WSW	1.6	.6										2.1	2.9
W	2.2	1.4	.1									3.8	3.1
WNW	1.2	1.3										2.6	3.5
NW	.8	.8										1.6	3.6
NNW	1.9	1.6	.3									3.8	3.5
VARBL													
CALM												33.3	
	26.6	28.4	10.8	.6	.2		.1					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS SEP MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.3	3.1	.2								10.1	5.5
NNE	2.4	7.0	6.4	.3								16.2	6.1
NE	2.1	4.7	2.9	.2								9.9	5.7
ENE	2.2	2.2	2.7	.4								7.6	5.9
E	1.0	4.2	2.0	.1								7.3	5.6
ESE	1.7	3.0	.9									5.6	4.9
SE	.6	1.6	1.0	.1								3.2	5.6
SSE	.4	1.8	1.3	.3								3.9	6.5
S	.3	.6	.9									1.8	6.1
SSW	.6	.4	.4	.2	.1	.1						1.9	8.0
SW	.9	.8	.4									2.1	4.3
WSW	1.4	2.4	1.2									5.1	4.9
W	3.7	3.7	.7									8.0	3.8
WNW	2.9	1.4	.2									4.6	3.3
NW	1.6	1.9	.2									3.7	3.9
NNW	1.3	1.4	.2									3.0	3.9
VARBL													
CALM												6.1	
	25.6	41.4	24.7	2.0	.1	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.0	2.1									6.8	5.9
NNE	.7	2.7	3.4	.1								6.9	6.5
NE	.1	2.2	1.8									4.1	6.4
ENE	1.1	2.2	3.0	.3								6.7	6.4
E	.6	3.9	4.7	.7								9.8	6.9
ESE	1.7	7.1	4.2	.2								13.2	6.0
SE	1.9	5.8	2.2	.1								10.0	5.2
SSE	1.1	4.7	3.4	.3								9.6	6.2
S	.9	5.7	7.1	2.4	.1							16.2	7.7
SSW	.7	1.2	1.0	.3	.1							3.3	6.9
SW	.4	.3	.3	.3								1.4	6.3
WSW	1.1	.9	.4									2.4	4.2
W	1.3	1.2	.6									3.1	4.4
WNW	.8	.6	.6									1.9	4.8
NW	.6	.3										.9	3.1
NNW	.6	.6	.4									1.6	5.1
VARBL													
CALM												2.1	
	14.1	43.3	35.3	4.0	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

900

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.3	2.2									6.7	5.6
NNE	1.2	3.7	2.4									7.3	5.8
NE	.7	1.1	.6									2.3	4.9
ENE	.6	.7	1.2	.6								3.0	7.7
E	1.4	4.1	3.4	.6								9.6	6.2
ESE	2.1	5.2	2.3	.4	.1							10.2	5.6
SE	2.2	5.2	1.7	.6								9.7	5.2
SSE	2.1	7.2	2.4	.4								12.2	5.4
S	2.1	9.6	8.8	1.4	.1	.1						22.1	6.8
SSW	.8	1.7	2.8	1.0								6.2	7.7
SW	.3	.2	.2									.8	5.3
WSW	.6	1.2	.4									2.2	4.9
W	1.0	.4	.1									1.6	3.5
WNW	.3	.1		.1								.6	4.8
NW	.1	1.0	.2									1.3	4.7
NNW	.6	.9	.3									1.8	4.7
VARB													
CALM												2.4	
	17.2	45.7	29.2	5.1	.2	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

900

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC 69-70,73-80 YEARS SEP MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.7	1.2									7.2	4.2
NNE	1.3	2.6	1.8	.1								5.8	5.4
NE	.7	1.3	.3	.1								2.4	5.0
ENE	.9	.9	.9	.2								2.9	5.7
E	3.4	3.1	1.6	.2								8.3	4.6
ESE	3.4	1.7	.8	.2	.1	.2						6.4	5.1
SE	2.9	.6	.2									3.7	2.9
SSE	2.7	1.9	.8	.2								5.6	4.4
S	3.2	3.9	1.9	.3								9.3	5.0
SSW	4.1	3.7	1.3	.3								9.4	4.5
SW	2.0	1.6	.2									3.8	3.4
WSW	.9	.6		.1								1.6	3.6
W	.4		.1									.6	3.4
WNW	.2											.2	2.5
NW	.3		.3									.7	5.2
NNW	.7	.4	.3									1.4	4.5
VARBL													
CALM												30.7	
	30.6	24.8	11.8	1.9	.1	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70.73-80 YEARS SEP MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.8	.5	.1								8.3	3.7
NNE	3.2	4.8	2.1									10.1	4.6
NE	.7	1.8	.2									2.8	4.7
ENE	.3	.8	.7									1.8	6.1
E	2.0	1.5	.8									4.3	4.5
ESE	2.3	.7	.9	.1		.1						4.1	5.0
SE	.5	.8	.5	.1								1.8	6.0
SSE	.8	1.0	.9			.1	.1					3.0	6.8
S	1.3	1.7	1.1	.7								4.8	6.4
SSW	2.4	2.6	.7									5.7	3.9
SW	3.1	1.0										4.1	2.8
WSW	2.1	.5										2.5	2.7
W	1.4	.1										1.5	2.5
WNW	.6	.1		.1								.8	4.0
NW	.3	.5										.8	3.4
NNW	.5	.1										.6	2.8
VARB													
CALM												42.9	
	25.3	22.0	8.4	1.1		.2	.1					100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	4.5	1.7	.1								10.9	4.3
NNE	2.5	5.4	2.9	.1								10.9	5.3
NE	.8	2.2	1.1	.1								4.2	5.4
ENE	.8	1.0	1.1	.2								3.1	6.1
E	1.3	2.3	1.7	.2								5.6	5.7
ESE	1.5	2.4	1.2	.1	.0	.0						5.4	5.4
SE	1.2	1.9	.9	.1								4.1	5.0
SSE	1.0	2.3	1.4	.2		.0	.0					5.0	5.8
S	1.1	3.1	2.9	.7	.0	.0	.0					7.9	6.9
SSW	1.5	1.6	.9	.3	.0	.0						4.4	5.4
SW	1.3	.8	.2	.0								2.3	3.7
WSW	1.3	.9	.3	.0								2.5	3.8
W	1.8	.9	.2									2.9	3.4
WNW	1.1	.5	.1	.0								1.7	3.5
NW	.6	.6	.1									1.3	3.9
NNW	1.3	.7	.3									2.3	3.6
VARBL													
CALM												25.7	
	23.6	31.3	17.0	2.2	.1	.1	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

6990

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 74-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.6	6.0	3.3	.8								16.7	4.9
NNE	2.4	6.3	2.8									11.5	5.2
NE	2.3	2.2	1.8	.2								6.5	5.2
ENE	.4	.1	.5									1.0	5.5
E	.4	.2	.2									.8	4.3
ESE	.1	.1	.2									.5	6.8
SE	.2	.5	.6	.1								1.4	6.8
SSE	.5	.5										1.0	3.0
S	.4	.5	.4	.4								1.6	6.5
SSW	.7	1.4	.5									2.6	4.5
SW	1.3	1.1	.1									2.5	3.3
WSW	1.7	1.1										2.8	3.1
W	2.0	1.0										3.0	2.9
WNW	.8	.5	.2	.1								1.7	4.6
NW	.8	.6	.2									1.7	3.8
NNW	1.9	1.6	.6	.4								4.4	4.6
VABL													
CALM												40.4	
	22.5	23.6	11.5	2.0								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

836

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.9	8.0	5.7	.4								24.0	4.7
NNE	1.9	6.9	2.7	1.3								12.9	5.9
NE	.6	2.1	.4									3.1	5.1
ENE	.4	.4	.1									.8	4.4
E	.4	.1	.2									.7	4.2
ESE		.2	.1	.1								.5	7.8
SE	.2	.4	.2	.2								1.1	6.9
SSE	.2	.4	.4		.1							1.1	7.7
S	.1	.2	.2		.1							.7	8.0
SSW	.7	1.1	.1		.1							2.0	5.0
SW	.6	1.0	.1									1.7	4.2
WSW	1.0	1.2	.1									2.3	3.7
W	2.0	1.8	.2									4.1	3.6
WNW	1.1	.6	.2		.1							2.0	4.6
NW	.4	.7	.2									1.3	4.8
NNW	5.1	1.9	.5	.1								7.6	3.2
VARB													
CALM												34.1	
	24.6	27.0	11.7	2.1	.5							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.6	12.7	6.3	1.0								30.6	4.9
NNE	3.3	5.9	6.4	1.2	.1							16.8	6.2
NE	1.2	1.5	.7									3.4	4.9
ENE	.5	.3	.1									1.0	3.9
E		.1	.3									.4	7.8
ESE		.2	.1	.1								.4	8.0
SE			.1									.1	7.0
SSE	.7	.2	.1	.1								1.1	4.4
S	.1	.2	.2	.1								.7	6.5
SSW	.3	.3	.1	.2								1.0	5.9
SW	1.1	.9	.1									2.1	3.7
WSW	.8	1.4	.1	.1								2.4	4.5
W	2.3	2.1	.3	.1								4.8	4.0
WNW	.9	1.1	.4	.1								2.5	5.0
NW	.7	.7	.5									1.8	4.9
NNW	4.6	2.1	.4	.2								7.3	3.5
VARBL													
CALM												23.8	
	26.9	29.6	16.4	3.3	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	6.3	7.4	3.9	.3							21.8	7.4
NNE	1.7	6.7	8.8	2.4								19.6	7.4
NE	2.0	3.7	3.2	.3								9.3	5.7
ENE	1.3	2.3	3.1	.3								7.0	6.2
E	1.2	3.9	2.0	.1								7.2	5.6
ESE	.4	1.4	.4	.1								2.4	5.5
SE	.5	.4	.4	.2	.1							1.7	6.5
SSE	.2	.9	.4	.2								1.7	6.3
S	.6	.8	.9	.1								2.4	5.9
SSW	.3	.8	.4	.4								1.9	7.1
SW	1.0	1.1	.6									2.7	4.6
WSW	1.0	1.2	1.2	.1								3.5	5.7
W	1.0	2.5	1.8	.2								5.5	5.9
WNW	.6	.8	1.0	.1								2.5	5.4
NW	1.1	.9	.4	.1								2.5	4.7
NNW	1.0	1.4	.9	.2								3.5	5.5
VARBL													
CALM												4.9	
	17.9	34.7	33.2	8.8	.4							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.8	3.8	7.8	2.9								15.2	8.3
NNE	.5	2.3	3.9	1.5	.1							8.3	8.1
NE	.2	1.5	2.2									3.9	6.6
ENE	.3	1.6	3.0	.6								5.6	7.8
E	1.2	6.2	7.0	.6								15.1	6.6
ESE	1.3	4.7	2.7									8.7	5.7
SE	.4	3.6	1.6									5.6	5.6
SSE	1.0	3.1	1.1	.1								5.3	5.4
S	1.0	3.2	4.4	1.3								9.9	7.4
SSW	.3	.3	1.3	.2								2.2	8.2
SW	.2	.8	.4	.1								1.5	6.0
WSW	.4	.6	.9	.1								2.0	6.3
W	.8	1.8	2.3	.6	.1							5.6	7.4
WNW	.4	1.2	1.2	.4								3.2	7.1
NW	.3	1.0	.4	.1								1.8	5.8
NNW	.3	1.8	2.0	.6								4.8	7.1
VARBL													
CALM												1.2	
	9.5	37.6	42.1	9.4	.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.9	5.8	1.8								11.5	7.8
NNE	1.0	3.4	4.0	.9								9.2	7.0
NE	1.0	1.8	1.1									3.9	5.1
ENE	.6	2.0	2.5	.3								5.5	7.0
E	2.2	4.3	3.9									10.3	5.6
ESE	1.8	5.4	1.8									9.0	5.0
SE	2.3	3.8	1.1									7.1	4.4
SSE	1.4	3.3	.9	.1								5.7	4.8
S	3.7	5.7	5.2	1.3								15.8	6.0
SSW	.8	1.7	2.4	.4								5.3	6.7
SW	.2	.3	.1									.6	4.8
WSW	.3	.5	.5									1.4	5.5
W	.5	1.9	1.2	.2								3.9	5.9
WNW	.6	.6	1.0	.1								2.4	6.0
NW	.1	1.2	.9	.1								2.3	6.2
NNW	.4	1.8	1.1	.9								4.2	7.0
VARBL													
CALM												1.9	
	17.8	40.9	33.2	6.1								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70.73-80 YEARS OCT MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	4.1	2.4	.3								11.8	4.6
NNE	3.0	3.0	1.4	.6								8.1	5.0
NE	2.4	1.3	.6									4.3	3.8
ENE	1.1	1.7	1.3	.1								4.2	5.4
E	2.5	1.7	.6	.1								4.9	4.1
ESE	1.1	1.1	.4									2.6	4.1
SE	.5	.1	.1									.8	3.4
SSE	.8	.4	.2									1.4	3.6
S	2.0	1.7	1.1	.4								5.3	5.1
SSW	2.9	2.8	.9									6.6	4.1
SW	2.0	.5										2.6	2.7
WSW	.9	.1	.1									1.1	3.2
W	1.0	.6	.2									1.8	3.6
WNW	.2	.5	.2									1.0	5.2
NW	.5	.4	.1									1.1	3.8
NNW	.9	1.0	.3	.3								2.5	5.5
VARBL													
CALM												40.1	
	26.8	21.2	10.0	1.9								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.4	3.7	2.7	.4								14.2	4.4
NNE	3.3	4.3	2.5	.6								10.7	5.3
NE	2.3	1.9	1.7	.1								6.0	5.0
ENE	.4	.4	1.2									2.1	6.3
E	1.0	.6	.2	.2								2.0	5.0
ESE	.8	.7	.3									1.8	4.5
SE		.1	.2	.1								.4	9.0
SSE	.2	.3										.6	3.8
S	.9	.9	1.3	.2								3.3	6.2
SSW	1.7	1.9	.7	.1								4.3	4.5
SW	1.6	.9										2.4	2.9
WSW	.8	.9	.2									1.9	4.1
W	1.2	.7	.4									2.3	3.9
WNW	.6	.4	.2									1.2	3.8
NW	.6	.1	.3									1.0	4.2
NNW	1.7	.8	.2	.4								3.1	5.2
VARBL													
CALM												42.6	
	24.4	18.5	12.3	2.2								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC 69-70, 73-80 YEARS OCT MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.6	5.9	5.2	1.5	.0							18.2	5.8
NNE	2.1	4.8	4.1	1.1	.0							12.1	6.4
NE	1.5	2.0	1.5	.1								5.0	5.3
ENE	.6	1.1	1.5	.2								3.5	6.4
E	1.1	2.2	1.9	.1								5.3	5.7
ESE	.7	1.8	.8	.0								3.3	5.3
SE	.5	1.1	.6	.1	.0							2.3	5.4
SSE	.6	1.2	.4	.1	.0							2.3	5.0
S	1.1	1.7	1.7	.5	.0							5.1	6.3
SSW	1.0	1.3	.8	.2	.0							3.3	5.5
SW	1.0	.8	.2	.0								2.0	3.8
WSW	.8	.9	.4	.0								2.1	4.6
W	1.3	1.6	.8	.2	.0							3.9	5.0
WNW	.7	.7	.6	.1	.0							2.1	5.5
NW	.6	.7	.4	.0								1.7	4.9
NNW	1.9	1.5	.8	.4								4.6	4.9
VARBL													
CALM												23.2	
	21.2	29.3	21.6	4.6	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7215

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS NOV MONTH 0000-2200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.3	4.7	3.6	.4		.2						15.2	5.0
NNE	1.5	1.9	1.2	.2								4.8	5.4
NE	.2	1.4	.4									2.0	5.1
ENE	.5	.4	.5									1.4	5.4
E	.4	1.4	1.0	.5								3.2	6.7
ESE	.2	.5		.1								.9	5.3
SE	.4	.4	.2		.1							1.1	5.9
SSE	.4	.6	.1	.2								1.4	5.6
S	.6	1.2	.2	.1								2.2	5.3
SSW	.6	1.1	.5	.2								2.5	6.0
SW	1.7	1.1	.1									3.0	3.2
WSW	1.5	1.1	.1									2.7	3.4
W	1.4	2.6	1.0									4.9	4.8
WNW	1.9	2.0	1.2	.2								5.3	5.2
NW	1.1	1.2	1.2	.1								3.7	5.5
NNW	2.5	2.7	1.1	.4								6.7	5.0
VARBL													
CALM												39.1	
	21.1	24.2	12.6	2.6	.1	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70.74-80 YEARS NOV MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.9	8.0	4.0	1.1								23.0	4.6
NNE	.4	2.1	1.4									3.8	5.9
NE	.5	.9	.1									1.5	3.9
ENE	.1	1.2	.2									1.6	5.5
E	.2	.6	.1	.4								1.4	7.4
ESE	.1	.4	.1									.6	4.8
SE	.1	.2	.1									.5	5.0
SSE	.2	1.0		.1								1.4	4.5
S	.7	1.1	.5	.2	.1							2.7	6.3
SSW	.4	.5	.2									1.1	4.4
SW	1.1	1.6	.1									2.8	3.7
WSW	1.9	.4	.5									2.7	3.5
W	1.6	2.7	.9	.1								5.3	4.7
WNW	1.5	2.1	1.4	.1								5.1	5.3
NW	1.4	1.6	.9	.1								4.0	5.2
NNW	3.7	2.6	1.0	.6								7.9	4.7
VARBL													
CALM												34.7	
	23.8	27.0	11.5	2.8	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.5	9.3	4.3	.6								24.6	4.5
NNE	1.5	3.2	1.6	.5								6.8	5.5
NE	.2	1.4	.1									1.7	4.4
ENE	.3	.8	.6									1.7	5.6
E	.1	.1	.7	.3								1.3	8.7
ESE		.3	.2									.6	6.4
SE			.2									.2	8.5
SSE	.2	.3	.2									.8	5.4
S	.5	1.1	.8									2.4	5.6
SSW	.7	1.0	.2	.2								2.2	5.1
SW	1.3	.8										2.1	3.2
WSW	1.4	1.4	.8									3.6	4.4
W	2.0	3.0	2.2									7.1	5.3
WNW	1.7	1.6	.9									4.3	4.5
NW	1.0	.8	1.0									2.9	5.2
NNW	3.8	3.8	.9	.1								8.6	4.0
VARBL													
CALM												29.2	
	25.2	29.1	14.8	1.7								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC 69-70.73-80 YEARS NOV MONTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	6.4	8.2	3.3								22.0	7.0
NNE	1.3	3.3	4.6	.4								9.7	6.7
NE	.9	2.3	1.1	.1								4.4	5.3
ENE	1.1	2.9	1.1	.1								5.2	5.1
E	.8	3.3	2.0	.2								6.3	6.1
ESE	.8	.4	1.0									2.2	5.8
SE	.1	1.0	.2	.1								1.4	5.8
SSE	.8	.8	.7	.1								2.3	5.4
S	.3	1.1	1.2	.2								2.9	7.0
SSW	.1	1.3	1.0	.4								2.9	7.3
SW	.2	.4	1.3	.1								2.1	7.3
WSW	.4	1.9	1.6	.1								4.0	6.3
W	1.6	3.3	2.8	.4								8.1	6.2
WNW	2.0	2.1	1.1	.7								5.9	5.8
NW	1.0	1.4	2.3	.6								5.3	7.3
NNW	2.3	2.3	2.3	.9								7.9	5.8
VARBL													
CALM												7.2	
	17.8	34.6	32.6	7.9								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.7	6.9	2.4								14.9	7.5
NNE	1.0	1.6	2.9	.9								6.3	7.1
NE	.6	1.3	.3	.2								2.4	5.3
ENE	.4	1.4	.7	.3								2.9	5.9
E	1.1	2.9	3.9	.7								8.6	6.8
ESE	.7	4.2	2.4	.2								7.6	6.0
SE	.9	2.4	1.0	.3								4.7	5.5
SSE	1.4	3.2	2.0									6.7	5.3
S	1.1	3.8	6.2	.8								11.9	7.2
SSW	.1	1.0	1.2	1.0								3.3	8.8
SW		.2	.9	.3								1.4	9.2
WSW	.3	1.2	1.8	.3								3.7	7.2
W	1.0	1.9	3.6	1.4								7.9	7.7
WNW	1.3	1.3	1.7	1.1								5.4	6.8
NW	.7	1.3	2.0	.6								4.6	7.3
NNW	.6	1.3	2.9	1.6	.1							6.4	8.5
VARBL													
CALM												1.3	
	13.1	32.9	40.3	12.2	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS NOV MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.0	4.1	1.7								10.9	6.8
NNE	.6	1.3	1.6	.3								3.8	6.5
NE	.3	.6	.2	.1								1.2	5.3
ENE	.3	.7	.4	.4								1.9	7.1
E	.8	4.0	3.3	.1								8.2	6.1
ESE	2.0	3.2	1.0									6.2	4.5
SE	2.0	2.9	.9	.1								5.9	4.6
SSE	2.3	3.7	1.4									7.4	4.8
S	2.9	5.0	5.8	.7								14.3	6.2
SSW	.8	2.7	2.9	.6								6.9	6.9
SW	.8	.2	.6	.1								1.7	5.4
WSW	.6	.4	.8									1.8	5.5
W	1.2	2.0	2.4	.6								6.2	6.6
WNW	.4	1.8	1.9	1.1								5.2	7.7
NW	.4	1.6	1.4	.8								4.2	7.5
NNW	.4	1.8	3.1	1.0								6.3	7.9
VARB													
CALM												7.8	
	18.0	34.8	31.9	7.6								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS NOV MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.9	2.1	.9	.3							9.1	6.0
NNE	.6	1.2	.7	.3	.1							2.9	6.9
NE	.2	.2	.1	.1								.7	5.8
ENE	.4	.9	1.0	.1								2.4	6.3
E	1.0	1.8	2.1									4.9	6.0
ESE	.6	1.3	.2	.1								2.2	4.8
SE	.6	.4	.4									1.4	4.9
SSE	1.1	.7	.3									2.1	3.7
S	1.4	1.4	1.0	.2								4.1	4.8
SSW	1.9	4.0	1.4									7.3	4.9
SW	2.7	1.3	.2									4.2	3.4
WSW	1.1	1.1										2.2	3.4
W	2.6	1.6	1.4	.2								5.8	5.0
WNW	.8	1.0	.2	.3								2.3	5.5
NW	.3	.8	.7	.1								1.9	6.3
NNW	.9	.7	1.6	.2								3.3	6.1
VARBL													
CALM												43.0	
	19.0	21.3	13.6	2.7	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	3.1	2.3	1.0								11.0	5.2
NNE	1.2	1.1	.9	.6								3.8	6.1
NE	.7	.7	.1									1.4	3.9
ENE	.2	.9	1.1									2.2	6.2
E	.9	1.7	1.7									4.2	5.6
ESE	.4	.6	.2	.1								1.3	5.1
SE	.2	.2	.3	.3								1.1	8.2
SSE	.4	.3	.1									.9	4.0
S	1.0	1.2	1.0	.2								3.4	5.5
SSW	1.4	1.1	1.8									4.3	5.6
SW	2.0	2.8	.1									4.9	4.0
WSW	1.8	2.2	.1									4.1	3.4
W	2.2	2.1	1.8	.2								6.3	5.1
WNW	1.4	1.1	.6	.2								3.3	4.7
NW	.6	.2	.8	.1								1.7	6.4
NNW	1.6	1.3	.6	.8								4.2	5.9
VARBL													
CALM												41.7	
	20.7	20.7	13.4	3.6								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 MYRTLE BEACH AFB SC 69-70,73-80 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	5.1	4.4	1.4	.7	.0						16.2	5.7
NNE	1.0	2.0	1.9	.4	.7							5.3	6.3
NE	.5	1.1	.3	.1								1.9	4.9
ENE	.4	1.2	.7	.1								2.4	5.8
E	.7	2.0	1.9	.3								4.8	6.4
ESE	.6	1.4	.7	.1								2.8	5.3
SE	.5	1.0	.4	.1	.0							2.1	5.4
SSE	.9	1.3	.6	.1								2.9	4.9
S	1.1	2.0	2.1	.3	.0							5.6	6.3
SSW	.8	1.6	1.2	.3								3.9	6.2
SW	1.2	1.1	.4	.1								2.8	4.4
WSW	1.1	1.2	.7									3.1	4.8
W	1.7	2.4	2.0	.4								6.5	5.8
WNW	1.4	1.6	1.1	.5								4.6	5.8
NW	.8	1.1	1.3	.3								3.5	6.5
NNW	1.9	2.0	1.7	.7	.0							6.4	5.9
VARBL													
CALM												25.2	
	19.7	28.1	21.6	5.2	.1	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 6990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 74-80
YEARS

DEC
MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	4.3	2.3	1.1								14.1	4.7
NNE	1.0	3.1	1.1	.4								5.5	5.5
NE	.4	1.3	1.0		.1							2.7	6.2
ENE	.2	.8	.7									1.8	6.3
E	.2	1.2	1.1									2.5	6.0
ESE	.2	.2	.1									.6	3.8
SE		.1	.1									.2	5.5
SSE	.4		.1									.5	4.3
S	1.3	1.1	1.8	.5								4.7	6.3
SSW	1.7	1.6	1.0	.2								4.4	5.1
SW	1.4	1.6	.8									3.8	4.6
WSW	1.1	2.6	1.2	.1								5.0	5.0
W	2.6	3.6	1.8	.1								8.1	4.9
WNW	.8	2.3	1.7	.4								5.1	6.3
NW	1.2	1.6	.7	.2								3.7	5.4
NNW	2.2	1.6	.8	.8	.1							5.5	6.1
VARBL													
CALM												.7	
	21.1	26.9	16.2	3.8	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 74-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	6.3	4.5	1.2								17.1	5.7
NNE	1.9	2.6	2.0	.2	.2							7.0	6.0
NE	.2	1.3	.2									1.8	5.3
ENE	.1	.7	.1	.1								1.1	6.0
E	.1	1.3	.6									2.0	5.8
ESE													
SE	.1											.1	2.0
SSE		.2		.2								.5	8.8
S	.5	.4	1.1	.2								2.2	7.6
SSW	.5	2.0	1.2	.2								3.9	6.0
SW	1.0	2.7	1.0									4.7	5.2
WSW	.8	2.4	.6									3.8	4.9
W	3.1	3.3	1.6	.1								8.1	4.8
WNW	1.8	2.6	1.1	.4								5.9	5.3
NW	1.6	1.9	.8	.4								4.7	5.3
NNW	4.1	1.4	1.4	.8								7.8	5.1
VARBL													
CALM												29.4	
	20.8	29.4	16.2	3.9	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 MYRTLE BEACH AFB SC

69-70, 73-80

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-1800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.3	5.8	4.4	1.0	.2	.1						18.9	5.4
NNE	1.2	3.8	2.2	.3	.1	.1						7.8	6.2
NE	.2	.4	.2	.2								1.1	6.5
ENE	.2	.2	.3	.4								1.2	7.9
E	.1	1.1	.4	.2	.1							2.0	7.6
ESE			.1									.1	8.0
SE			.6	.1								.7	8.8
SSE	.2	.1	.1									.4	5.3
S	.4	.8	.7									1.9	5.5
SSW	.3	1.8	.7	.1								2.9	5.7
SW	1.0	1.6	.8	.1								3.4	5.0
WSW	.9	1.9	1.2									4.0	5.3
W	3.0	3.4	2.2	.4	.1							9.2	5.5
WNW	1.8	1.8	1.3	.2								5.1	5.2
NW	1.6	1.9	1.6	.2								5.2	5.5
NNW	3.1	2.9	1.1	.8								7.9	5.3
VARBL													
CALM												28.0	
	21.5	27.5	18.0	4.2	.6	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.4	8.6	3.7	1.1	.1						19.1	8.4
NNE	1.4	2.9	4.5	.6								9.5	6.8
NE	.4	1.2	1.2		.1							2.9	6.6
ENE	1.0	.9	1.4	.2	.1							3.5	6.4
E	.8	1.8	2.2	.8								5.5	7.0
ESE	.4	.5	.2	.1	.1							1.4	5.8
SE		.9	.4	.3								1.6	7.7
SSE	.3	1.0	.2	.1								1.6	5.1
S	.5	1.4	1.1	.2								3.2	6.0
SSW		.5	1.4	.5								2.5	8.8
SW	.3	1.0	1.1	.4								2.8	7.1
WSW	1.2	2.2	2.4	.1								5.8	6.2
W	1.3	3.0	4.4	1.5								10.2	7.3
WNW	1.3	1.9	1.6	.4	.1							5.4	6.2
NW	1.2	1.7	1.6	.5	.1							5.2	6.6
NNW	1.1	1.8	3.1	1.4	.1							7.5	8.1
VARBL													
CALM												12.3	
	13.4	26.1	35.4	11.0	1.7	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70, 73-80 YEARS 1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.3	6.5	2.5	.6	.1						15.6	8.3
NNE	.5	1.8	2.5	.5	.1							5.5	7.2
NE	.3	.9	.5									1.7	5.9
ENE	.3	.8	1.5	.4								3.0	7.8
E	.4	1.9	4.1	.2								6.7	7.2
ESE	.9	1.7	.5									3.1	4.8
SE	1.1	2.5	.2									3.8	4.2
SSE	.8	2.7	1.8	.4								5.7	6.4
S	1.7	3.8	4.6	.9								10.2	7.1
SSW	.4	1.0	1.6	1.1	.2							4.3	9.2
SW	.4	.5	.8	.2								1.9	6.8
WSW	.6	1.1	2.7	.6								5.1	7.7
W	1.1	3.4	3.7	1.7	.3							10.2	7.9
WNW	.2	1.8	2.4	1.2	.1							5.7	8.3
NW	.6	1.7	2.2	1.6								6.1	8.0
NNW	.3	2.2	3.1	1.9	.2							7.7	8.9
VARBL													
CALM												3.7	
	10.6	32.0	38.6	13.3	1.6	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70, 73-80 YEARS DEC MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.9	5.2	2.3	.4							15.8	7.3
NNE	.5	1.5	1.5	.2								3.8	6.0
NE	.1	.3	.2									.6	6.2
ENE	.3	.8	.9	.2								2.2	6.6
E	.9	2.3	2.3	.1								5.5	6.2
ESE	.6	1.6	.2									2.5	4.5
SE	1.2	1.4	.2									2.8	4.3
SSE	1.7	3.0	.4	.1								5.3	4.6
S	2.3	5.6	3.5	1.1								12.5	6.0
SSW	.4	3.1	3.7	1.1	.1							8.4	7.5
SW	.5	1.1	.6	.2								2.5	5.8
WSW	1.0	1.1	.9	.1								3.0	5.1
W	2.0	3.3	2.8	.6								8.8	6.2
WNW	.5	1.4	2.6	1.2								5.7	7.7
NW	.3	2.3	1.8	.9	.1							5.4	7.4
NNW	.5	2.0	3.1	1.7	.2							7.6	8.4
VARBL													
CALM												7.7	
	15.1	36.7	29.9	9.8	.9							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC 69-70, 73-80 YEARS DEC MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	3.1	2.3	1.1	.3							10.6	6.0
NNE	.9	2.3	1.1									4.2	4.9
NE	.2	.6	.1									1.0	4.8
ENE	.2	1.0	.9									2.0	6.3
E	.3	1.1	1.1	.1								2.6	6.5
ESE	.2	.5	.4									1.2	5.8
SE	.3	.6	.1									1.1	4.0
SSE	.5	.8	.3									1.6	4.3
S	1.5	2.2	1.8									5.5	5.5
SSW	2.6	3.6	1.2	.8								8.1	5.4
SW	1.3	2.5	.6									4.4	4.3
WSW	1.5	1.9	.4	.2								4.1	4.8
W	2.5	2.0	1.5		.1							6.1	4.8
WNW	1.1	1.6	1.1	.1								3.9	5.3
NW	.5	1.3	.4	.1								2.4	5.2
NNW	1.2	1.8	.6	.8								4.4	6.1
VARBL													
CALM												36.9	
	18.6	26.9	14.0	3.1	.4							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.5	2.6	1.1		.1						11.8	5.7
NNE	.8	1.7	1.2	.2								3.9	5.8
NE	.8	1.5	1.3									3.6	5.5
ENE	.2	.8	1.0	.2								2.2	6.8
E	.2	1.2	.5									1.9	5.4
ESE	.2	.3	.4	.1								1.1	6.5
SE	.5	.4	.3	.1								1.4	5.3
SSE	.5	.6	.2									1.4	4.5
S	.9	1.3	1.4	.6								4.2	6.8
SSW	1.5	1.6	1.2	.3								4.6	5.6
SW	1.4	2.6	1.3									5.3	4.7
WSW	2.1	1.9	.8									4.8	4.3
W	2.4	4.0	1.9	.4								8.7	5.3
WNW	1.3	1.2	.8	.2								3.5	5.4
NW	.3	.6	.9	.5								2.4	7.8
NNW	1.6	1.2	.6	.2								3.7	4.9
VARB													
CALM												35.6	
	18.1	25.6	16.4	4.1		.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.7	4.6	1.7	.3	.1						15.4	6.6
NNE	1.0	2.5	2.0	.3	.1	.0						5.9	6.2
NE	.3	.9	.6	.0	.0							1.9	5.9
ENE	.3	.7	.9	.2	.0							2.1	6.8
E	.4	1.5	1.6	.2	.0							3.6	6.6
ESE	.3	.6	.3	.0	.0							1.3	5.2
SE	.4	.8	.2	.1								1.5	5.1
SSE	.6	1.1	.4	.1								2.2	5.3
S	1.1	2.1	2.0	.4								5.6	6.3
SSW	.9	1.9	1.5	.6	.0							4.9	6.6
SW	.9	1.7	.9	.1								3.6	5.2
WSW	1.2	1.9	1.3	.2								4.4	5.5
W	2.2	3.3	2.5	.6	.1							8.7	6.0
WNW	1.1	1.8	1.6	.5	.0							5.0	6.3
NW	.9	1.6	1.3	.6	.0							4.4	6.5
NNW	1.7	1.9	1.8	1.1	.1							6.5	6.8
VARBL													
CALM												22.9	
	17.3	28.9	23.3	6.7	.7	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-81 YEARS ALL MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.4	2.6	.9	.1	.0		.0				10.0	5.9
NNE	1.3	2.4	1.7	.3	.0	.0	.0					5.7	5.8
NE	.6	1.1	.6	.1	.0	.0						2.5	5.4
ENE	.5	.8	.8	.1	.0							2.3	6.1
E	.8	2.0	2.0	.3	.0							5.1	6.2
ESE	.8	1.7	1.2	.1	.0	.0						3.8	5.8
SE	.6	1.3	.9	.1	.0							3.0	5.8
SSE	.8	1.8	1.4	.3	.0	.0	.0					4.3	6.1
S	1.4	3.1	4.0	1.5	.1	.0	.0					10.0	7.3
SSW	1.5	2.1	2.1	.8	.1	.0						6.6	6.6
SW	1.6	1.5	.7	.1	.0							3.9	4.7
WSW	1.4	1.6	.8	.1	.0							4.0	4.9
W	1.8	2.3	1.6	.4	.1	.0						6.3	5.7
WNW	.9	1.2	1.1	.4	.0	.0						3.7	6.3
NW	.6	.9	.9	.3	.0	.0						2.8	6.5
NNW	1.2	1.3	1.1	.5	.0	.0						4.2	6.2
VARB													
CALM												21.8	
	19.0	28.6	23.7	6.5	.4	.0	.0	.0				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 83725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-81
YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	7.6	6.8	2.2	.3	.1						20.5	6.8
NNE	1.8	4.8	3.6	.9	.1	.1	.0					11.3	6.5
NE	1.0	1.9	1.1	.2	.0							4.2	5.7
ENE	.6	1.2	1.1	.3	.0							3.3	6.5
E	.6	1.9	2.1	.3	.0							4.9	6.7
ESE	.4	.9	.7	.3	.0	.0						2.3	7.0
SE	.4	.5	.6	.2	.0							1.8	6.7
SSE	.3	.8	.6	.2	.0	.0	.0					2.0	7.3
S	.9	1.9	1.9	1.2	.0	.0	.0					6.0	7.8
SSW	.5	1.2	1.6	.5	.1	.0						4.0	7.6
SW	.5	.9	.7	.1								2.2	5.8
WSW	.6	1.0	.4	.1	.0							2.1	5.4
W	1.2	1.5	1.1	.3	.0							4.1	5.8
WNW	.8	1.3	1.2	.2								3.6	6.0
NW	.8	1.5	1.8	.5	.0							4.6	6.8
NNW	1.2	2.8	2.1	1.3	.0	.0						7.4	7.2
VARBL													
CALM												15.6	
	15.0	31.7	27.6	9.0	.8	.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 6990

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 0
NO CEILING																
IV 1800																
IV 1500					91.0											92.6
IV 1200																
IV 1000																
IV 900																
IV 800																
IV 700																
IV 600																
IV 500										97.4						98.1
IV 400																
IV 300																
IV 200																
IV 100																
IV 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		56.0	56.5	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.5	57.5	57.6	57.6	57.9
≥ 20000		58.5	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.4	60.4	60.5	60.5	60.8
≥ 18000		59.1	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.9	60.9	61.1	61.1	61.9
≥ 16000		59.2	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.1	61.1	61.2	61.2	61.5
≥ 14000		60.3	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.1	62.1	62.3	62.3	62.5
≥ 12000		63.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.2	65.2	65.3	65.3	65.6
≥ 10000		65.9	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.9	67.9	68.0	68.0	68.3
≥ 9000		66.0	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.4
≥ 8000		68.3	69.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.4	70.4	70.5	70.5	70.8
≥ 7000		69.8	69.7	70.9	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.9	70.9	71.1	71.1	71.3
≥ 6000		69.7	70.8	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9	72.0	72.0	72.1	72.1	72.4
≥ 5000		71.7	72.8	73.6	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.1	74.1	74.3	74.3	74.5
≥ 4500		72.0	73.1	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.4	74.4	74.5	74.5	74.8
≥ 4000		74.8	76.0	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.5	77.5	77.6	77.6	77.9
≥ 3500		76.1	77.3	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.8	78.8	78.9	78.9	79.2
≥ 3000		77.6	78.9	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.5	80.5	80.7	80.7	80.9
≥ 2500		78.1	79.5	80.5	80.9	80.9	80.9	81.1	81.1	81.1	81.2	81.5	81.5	81.6	81.6	81.9
≥ 2000		80.1	81.6	82.9	83.3	83.3	83.5	83.6	83.6	83.6	83.7	84.0	84.0	84.1	84.1	84.4
≥ 1800		80.4	81.9	83.2	83.6	83.6	83.7	83.9	83.9	83.9	84.0	84.3	84.3	84.4	84.4	84.7
≥ 1500		80.9	82.4	83.7	84.3	84.3	84.4	84.5	84.5	84.5	84.7	84.9	84.9	85.1	85.1	85.3
≥ 1200		82.5	84.4	85.7	86.4	86.4	86.5	86.7	86.7	86.7	86.8	87.1	87.1	87.2	87.2	87.5
≥ 1000		83.2	85.1	86.5	87.2	87.2	87.3	87.5	87.5	87.5	87.7	88.0	88.0	88.1	88.1	88.4
≥ 900		84.1	86.0	87.5	88.1	88.1	88.3	88.4	88.4	88.4	88.7	88.9	88.9	89.1	89.1	89.3
≥ 800		84.7	86.8	88.3	88.9	88.9	89.1	89.2	89.2	89.2	89.5	89.7	89.7	89.9	89.9	90.1
≥ 700		85.3	87.5	89.1	89.7	89.7	89.9	90.0	90.0	90.0	90.3	90.5	90.5	90.7	90.7	90.9
≥ 600		85.6	87.7	89.3	90.0	90.0	90.1	90.3	90.3	90.3	90.5	90.8	90.8	90.9	90.9	91.2
≥ 500		85.9	88.4	90.0	91.3	91.3	91.7	92.0	92.1	92.1	92.4	92.7	92.7	92.8	92.8	93.1
≥ 400		86.0	89.2	90.8	92.4	92.4	93.1	93.9	94.0	94.0	94.4	94.7	94.7	94.8	94.8	95.1
≥ 300		86.0	89.2	90.8	92.4	92.8	93.5	95.1	95.2	95.2	95.6	95.9	95.9	96.1	96.1	96.4
≥ 200		86.0	89.2	90.9	92.5	93.2	94.3	96.0	96.3	96.3	96.8	97.1	97.2	97.6	97.6	97.9
≥ 100		86.0	89.2	90.9	92.5	93.2	94.3	96.0	96.3	96.3	96.9	97.2	97.3	97.9	97.9	98.1
≥ 0		86.0	89.2	90.9	92.5	93.2	94.3	96.0	96.3	96.3	96.9	97.2	97.3	97.9	97.9	98.1

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		55.6	56.7	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.9	57.9	57.9	58.1	58.1	58.3
≥ 20000		59.2	60.3	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.7	61.7	61.9
≥ 18000		59.5	60.5	61.3	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	62.0	62.0	62.1
≥ 16000		59.5	60.5	61.3	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	62.0	62.0	62.1
≥ 14000		60.0	61.1	61.9	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.5	62.5	62.7
≥ 12000		61.7	62.8	63.6	63.7	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.3	64.3	64.4
≥ 10000		63.9	64.9	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.4	66.4	66.5
≥ 9000		63.9	64.9	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.4	66.4	66.5
≥ 8000		66.0	67.1	67.9	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.5	68.5	68.7
≥ 7000		67.5	68.7	69.6	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.4	70.4	70.5
≥ 6000		68.3	69.5	70.4	70.5	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.8	71.2	71.2	71.3
≥ 5000		70.7	72.0	72.9	73.1	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.6	74.0	74.0	74.1
≥ 4500		71.2	72.5	73.5	73.6	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.5	74.5	74.7
≥ 4000		73.2	74.7	75.6	76.0	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.9	76.9	77.1
≥ 3500		74.5	76.4	77.5	77.9	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.8	78.8	78.9
≥ 3000		75.3	77.2	78.4	78.8	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.7	79.7	79.9
≥ 2500		76.4	78.3	79.5	79.9	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.9	80.9	81.1
≥ 2000		77.7	79.7	81.2	81.7	82.0	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.9	82.9	83.1
≥ 1800		78.3	80.3	81.9	82.4	82.7	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.6	83.6	83.7
≥ 1500		78.9	80.9	82.5	83.1	83.3	83.7	83.7	83.7	84.0	84.0	84.0	84.0	84.5	84.5	84.7
≥ 1200		80.3	82.4	84.1	84.8	85.1	85.5	85.5	85.5	85.7	85.7	85.7	85.7	86.3	86.3	86.4
≥ 1000		80.5	82.8	84.5	85.3	85.6	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.8	86.8	86.9
≥ 900		80.9	83.2	84.9	85.7	86.0	86.4	86.4	86.4	86.8	86.8	86.8	86.8	87.3	87.3	87.5
≥ 800		81.6	83.9	85.6	86.4	86.7	87.1	87.1	87.1	87.5	87.5	87.5	87.5	88.0	88.0	88.1
≥ 700		82.5	84.8	86.5	87.3	87.6	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.9	88.9	89.1
≥ 600		82.7	85.6	87.5	88.4	88.7	89.2	89.2	89.2	89.6	89.6	89.6	89.6	90.1	90.1	90.4
≥ 500		83.1	86.3	88.1	89.5	89.7	90.4	90.7	90.7	91.2	91.2	91.2	91.2	91.7	91.7	92.1
≥ 400		83.3	86.7	88.5	90.0	90.4	91.3	91.7	91.7	92.3	92.3	92.3	92.3	92.8	92.9	93.2
≥ 300		83.5	86.9	89.1	90.8	91.2	93.1	93.6	93.9	94.5	94.7	94.7	94.7	95.2	95.3	95.6
≥ 200		83.5	86.9	89.2	91.1	91.6	93.6	94.5	94.9	96.1	96.9	96.9	96.9	97.7	97.9	98.4
≥ 100		83.5	86.9	89.2	91.1	91.6	93.6	94.5	94.9	96.1	96.9	96.9	96.9	98.0	98.3	98.9
≥ 0		83.5	86.9	89.2	91.1	91.6	93.6	94.5	94.9	96.1	96.9	96.9	96.9	98.0	98.3	98.9

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-2600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING		47.2	50.0	50.4	51.7	51.7	51.9	52.0	52.1	52.2	52.5	52.5	52.6	52.8	53.0	53.8
≥ 20000		50.3	53.5	53.9	55.3	55.3	55.5	55.6	55.7	55.8	56.0	56.0	56.4	56.6	56.9	57.7
≥ 18000		50.4	53.7	54.1	55.5	55.5	55.7	55.8	55.9	56.0	56.3	56.3	56.6	56.8	57.2	57.9
≥ 16000		50.7	53.9	54.4	55.8	55.8	56.0	56.2	56.3	56.4	56.6	56.6	56.9	57.2	57.5	58.3
≥ 14000		51.0	54.3	54.7	56.2	56.2	56.4	56.5	56.6	56.7	56.9	56.9	57.3	57.5	57.8	58.6
≥ 12000		53.0	56.3	56.8	58.3	58.3	58.5	58.6	58.7	58.8	59.1	59.1	59.4	59.6	60.0	60.7
≥ 10000		56.3	59.5	60.1	61.6	61.6	61.9	62.0	62.1	62.2	62.4	62.4	62.8	63.0	63.3	64.1
≥ 9000		56.5	59.7	60.3	62.0	62.0	62.2	62.3	62.4	62.5	62.8	62.8	63.1	63.3	63.6	64.4
≥ 8000		57.9	61.3	61.9	63.5	63.5	63.8	63.9	64.0	64.1	64.3	64.3	64.7	64.9	65.2	66.1
≥ 7000		59.8	63.2	63.8	65.4	65.4	65.7	65.8	65.9	66.0	66.2	66.2	66.6	66.8	67.1	67.9
≥ 6000		60.6	64.1	64.7	66.3	66.3	66.6	66.7	66.8	66.9	67.1	67.1	67.4	67.7	68.0	68.8
≥ 5000		63.2	66.9	67.4	69.1	69.2	69.5	69.6	69.7	69.8	70.0	70.0	70.4	70.6	70.9	71.7
≥ 4500		64.1	67.8	68.3	70.0	70.1	70.5	70.6	70.7	70.8	71.0	71.0	71.4	71.6	71.9	72.7
≥ 4000		66.4	71.2	70.8	72.5	72.6	72.9	73.0	73.2	73.3	73.5	73.5	73.8	74.0	74.4	75.2
≥ 3500		67.2	71.5	72.1	73.9	74.0	74.4	74.5	74.6	74.7	74.9	74.9	75.3	75.5	75.8	76.6
≥ 3000		68.3	73.0	73.7	75.5	75.6	76.0	76.1	76.2	76.3	76.5	76.5	76.8	77.1	77.4	78.2
≥ 2500		68.8	73.8	74.7	76.5	76.6	77.0	77.1	77.2	77.3	77.5	77.5	77.9	78.1	78.4	79.2
≥ 2000		70.1	75.2	76.2	78.0	78.1	78.5	78.7	78.9	79.0	79.2	79.2	79.5	79.8	80.1	80.9
≥ 1800		70.5	75.5	76.5	78.3	78.4	78.9	79.1	79.2	79.4	79.6	79.6	80.0	80.2	80.5	81.3
≥ 1500		70.8	76.0	77.0	78.9	79.0	79.4	79.6	79.8	80.0	80.2	80.2	80.5	80.9	81.2	82.0
≥ 1200		71.5	76.8	78.0	80.0	80.2	80.6	80.9	81.0	81.3	81.5	81.5	81.9	82.2	82.6	83.3
≥ 1000		71.8	77.3	78.4	80.4	80.6	81.3	81.5	81.7	82.1	82.3	82.3	82.7	83.0	83.3	84.1
≥ 900		72.4	78.0	79.1	81.1	81.4	82.1	82.3	82.4	82.9	83.1	83.1	83.4	83.8	84.1	84.9
≥ 800		73.3	79.0	80.1	82.1	82.6	83.2	83.4	83.6	84.0	84.2	84.2	84.6	84.9	85.2	86.0
≥ 700		73.9	79.8	81.1	83.3	83.8	84.5	84.7	84.8	85.2	85.5	85.5	85.8	86.1	86.5	87.2
≥ 600		74.5	80.3	81.7	84.0	84.5	85.2	85.5	85.6	86.0	86.2	86.2	86.6	86.9	87.2	88.0
≥ 500		74.8	81.8	82.1	84.9	85.3	86.4	86.8	86.9	87.5	87.7	87.7	88.0	88.4	88.7	89.6
≥ 400		75.3	81.3	83.0	86.0	86.5	87.7	88.1	88.3	89.0	89.3	89.3	89.8	90.2	90.5	91.4
≥ 300		75.6	81.8	83.7	87.4	88.1	90.0	91.1	91.4	92.4	93.7	93.0	93.5	94.1	94.4	95.3
≥ 200		75.6	81.8	83.9	87.8	88.7	90.9	92.2	92.8	94.1	95.2	95.3	96.0	96.5	97.4	98.7
≥ 100		75.6	81.8	83.9	87.8	88.7	90.9	92.2	92.8	94.1	95.6	95.7	96.4	97.0	98.3	99.7
≥ 0		75.6	81.8	83.9	87.8	88.7	90.9	92.2	92.8	94.1	95.6	95.7	96.4	97.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		49.8	51.2	51.6	51.9	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000		55.0	57.1	57.5	57.8	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000		55.4	57.5	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000		55.4	57.5	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000		56.1	58.1	58.6	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000		58.2	60.3	60.7	61.2	61.5	61.5	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000		60.8	62.9	63.3	63.8	64.0	64.0	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.4	64.4
≥ 9000		61.8	63.8	64.5	65.0	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.6	65.6
≥ 8000		63.7	66.1	66.8	67.7	67.9	67.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.2	68.2
≥ 7000		64.9	67.5	68.2	69.1	69.3	69.3	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.6	69.6
≥ 6000		65.6	68.2	69.1	70.0	70.2	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.5	70.5
≥ 5000		67.3	70.3	71.2	72.0	72.2	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.6	72.6
≥ 4500		67.6	70.6	71.5	72.3	72.6	72.6	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9
≥ 4000		69.4	72.6	73.4	74.3	74.6	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.0
≥ 3500		70.2	73.3	74.2	75.0	75.3	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8
≥ 3000		70.6	73.8	74.7	75.7	76.0	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.4	76.4
≥ 2500		71.3	74.6	75.6	76.6	77.1	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6
≥ 2000		72.0	75.5	76.5	77.7	78.3	78.5	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 1800		72.1	75.7	76.7	77.9	78.5	78.7	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1
≥ 1500		72.7	76.5	77.6	79.0	79.7	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.6
≥ 1200		74.6	78.8	80.0	81.7	82.6	83.1	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 1000		75.7	80.1	81.4	83.1	84.0	84.5	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1
≥ 900		76.1	80.7	82.2	84.0	84.8	85.4	85.6	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.0
≥ 800		76.9	81.6	83.1	84.9	85.8	86.3	86.5	86.8	86.9	87.1	87.1	87.1	87.1	87.2	87.2
≥ 700		77.6	82.3	84.0	85.9	86.8	87.3	87.5	87.7	87.8	88.1	88.1	88.1	88.1	88.2	88.2
≥ 600		77.8	82.9	84.6	86.8	87.8	88.8	89.0	89.3	89.5	89.8	89.8	89.8	89.9	90.0	90.0
≥ 500		78.0	83.3	85.1	87.4	88.5	89.8	90.2	90.5	90.9	91.3	91.3	91.4	91.4	91.5	91.5
≥ 400		78.0	83.5	85.8	88.6	89.8	91.6	92.1	92.5	92.9	93.3	93.3	93.4	93.4	93.5	93.6
≥ 300		78.0	83.6	86.1	89.0	90.3	92.5	93.8	94.5	95.0	95.8	95.9	96.0	96.1	96.3	96.4
≥ 200		78.1	83.9	86.5	89.6	90.9	93.0	94.5	95.5	96.2	97.0	97.2	97.7	97.8	98.4	98.8
≥ 100		78.1	83.9	86.7	89.7	91.0	93.1	94.6	95.6	96.3	97.1	97.3	97.8	98.2	99.2	100.0
≥ 0		78.1	83.9	86.7	89.7	91.0	93.1	94.6	95.6	96.3	97.1	97.3	97.8	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/16	¾	≥0
NO CEILING		53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000		61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000		61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000		61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000		62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000		63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000		67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000		67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000		69.5	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000		71.0	71.5	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000		72.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000		73.8	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0
≥ 4500		74.0	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1
≥ 4000		74.6	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
≥ 3500		74.9	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 3000		75.3	77.3	77.5	77.7	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1
≥ 2500		75.8	77.9	78.1	78.7	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 2000		77.4	79.7	79.9	80.5	80.5	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 1800		78.0	80.5	80.7	81.4	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 1500		79.3	82.2	82.5	83.3	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
≥ 1200		81.6	84.7	85.0	86.2	86.4	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 1000		82.2	85.6	86.1	87.4	87.6	88.1	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥ 900		83.1	86.4	87.0	88.4	88.6	89.0	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 800		83.1	86.5	87.1	88.7	89.1	89.7	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5
≥ 700		83.5	87.1	87.8	89.8	90.2	90.7	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 600		83.9	87.9	88.6	91.0	91.5	92.0	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 500		84.2	88.5	89.3	91.9	92.8	93.5	94.5	94.6	94.8	94.8	94.8	94.8	95.2	95.2	95.2
≥ 400		84.4	89.0	90.0	92.8	94.1	94.9	96.2	96.4	96.7	96.7	96.7	96.7	97.1	97.1	97.1
≥ 300		84.4	89.1	90.1	93.0	94.4	95.4	97.2	97.7	98.2	98.4	98.4	98.4	98.9	98.9	98.9
≥ 200		84.4	89.1	90.1	93.0	94.4	95.4	97.3	97.8	98.5	98.8	98.8	98.9	99.8	99.8	99.8
≥ 100		84.4	89.1	90.1	93.0	94.4	95.4	97.3	97.8	98.6	98.9	99.0	99.9	99.9	100.0	100.0
≥ 0		84.4	89.1	90.1	93.0	94.4	95.4	97.3	97.8	98.6	98.9	99.0	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000		59.8	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV ≥ 18000		60.1	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV ≥ 16000		60.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV ≥ 14000		61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV ≥ 12000		63.6	63.9	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV ≥ 10000		66.0	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV ≥ 9000		66.5	66.8	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV ≥ 8000		68.5	69.2	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV ≥ 7000		69.6	70.6	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV ≥ 6000		70.4	71.5	72.1	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV ≥ 5000		71.9	73.1	73.8	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV ≥ 4500		72.8	74.0	74.7	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV ≥ 4000		75.0	76.4	77.2	77.5	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV ≥ 3500		75.5	77.1	77.8	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV ≥ 3000		76.0	77.9	78.9	79.3	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV ≥ 2500		76.9	78.9	80.0	80.4	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV ≥ 2000		79.9	81.9	83.0	83.5	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV ≥ 1800		80.0	82.1	83.2	83.7	84.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV ≥ 1500		80.5	82.8	83.9	84.5	85.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV ≥ 1200		81.5	84.0	85.0	85.7	86.9	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV ≥ 1000		82.6	85.3	86.3	87.0	88.3	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV ≥ 900		82.8	85.6	86.8	87.4	88.7	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV ≥ 800		83.3	86.4	87.8	88.7	90.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV ≥ 700		83.3	86.4	87.8	88.8	90.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV ≥ 600		83.7	87.0	88.5	89.9	91.7	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV ≥ 500		83.9	87.5	89.1	91.2	93.2	95.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
IV ≥ 400		84.1	87.7	89.5	91.7	93.8	95.9	96.9	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3
IV ≥ 300		84.1	87.7	89.6	92.1	94.2	96.3	97.5	97.6	97.7	98.3	98.3	98.4	98.4	98.4	98.4
IV ≥ 200		84.1	87.7	89.6	92.1	94.2	96.6	97.7	98.0	98.2	99.2	99.2	99.8	99.9	99.9	99.9
IV ≥ 100		84.1	87.7	89.6	92.1	94.2	96.6	97.7	98.0	98.2	99.2	99.2	99.9	100.0	100.0	100.0
IV ≥ 0		84.1	87.7	89.6	92.1	94.2	96.6	97.7	98.0	98.2	99.2	99.2	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		55.1	55.8	56.0	56.1	56.1	56.2	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6
≥ 20000		58.9	59.8	60.2	60.4	60.4	60.5	60.5	60.6	60.8	60.8	60.8	61.0	61.0	61.0	61.0
≥ 18000		59.2	60.1	60.5	60.8	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.3	61.3	61.3	61.3
≥ 16000		59.6	60.5	61.0	61.2	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7
≥ 14000		60.2	61.2	61.6	61.8	61.8	61.9	61.9	62.0	62.2	62.2	62.2	62.4	62.4	62.4	62.4
≥ 12000		62.4	63.3	63.8	64.0	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5
≥ 10000		64.9	65.9	66.5	66.9	66.9	67.0	67.0	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4
≥ 9000		65.6	66.6	67.1	67.5	67.5	67.6	67.6	67.7	67.8	67.8	67.8	68.1	68.1	68.1	68.1
≥ 8000		68.0	68.9	69.6	70.0	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.8	70.8	70.8	70.8
≥ 7000		69.4	70.3	71.0	71.4	71.6	71.7	71.7	71.8	71.9	71.9	71.9	72.2	72.2	72.2	72.2
≥ 6000		70.2	71.3	71.9	72.4	72.6	72.7	72.7	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1
≥ 5000		71.4	72.5	73.1	73.5	73.9	74.0	74.0	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4
≥ 4500		71.8	72.9	73.5	74.0	74.3	74.4	74.4	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8
≥ 4000		74.4	75.9	76.6	77.0	77.3	77.4	77.4	77.5	77.6	77.6	77.6	77.8	77.8	77.8	77.8
≥ 3500		75.1	76.6	77.3	77.8	78.3	78.4	78.4	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9
≥ 3000		77.0	78.7	79.6	80.2	80.8	81.0	81.1	81.2	81.4	81.4	81.4	81.6	81.6	81.6	81.6
≥ 2500		77.2	79.1	80.1	80.9	81.6	81.8	81.9	82.0	82.3	82.3	82.3	82.5	82.5	82.5	82.5
≥ 2000		79.2	81.5	82.8	83.7	84.4	84.8	84.9	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5
≥ 1800		79.2	81.5	82.8	83.7	84.4	84.8	84.9	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5
≥ 1500		79.8	82.0	83.3	84.2	84.9	85.5	85.9	86.0	86.3	86.3	86.3	86.6	86.6	86.6	86.6
≥ 1200		80.4	82.8	84.3	85.4	86.2	86.9	87.3	87.4	87.7	87.7	87.7	88.0	88.0	88.0	88.0
≥ 1000		81.1	83.7	85.3	86.5	87.3	88.0	88.4	88.5	88.8	88.8	88.8	89.1	89.1	89.1	89.1
≥ 900		81.4	84.1	85.7	86.9	87.7	88.4	88.8	88.9	89.2	89.2	89.2	89.6	89.6	89.6	89.6
≥ 800		81.6	84.4	86.1	87.5	88.4	89.1	89.6	89.7	90.0	90.0	90.0	90.3	90.3	90.3	90.3
≥ 700		81.8	84.6	86.3	88.2	89.1	89.9	90.4	90.5	91.0	91.0	91.0	91.3	91.3	91.3	91.3
≥ 600		82.6	85.5	87.2	89.5	90.4	91.3	91.9	92.0	92.5	92.5	92.5	92.8	92.8	92.8	92.8
≥ 500		82.8	85.7	87.7	90.2	91.3	92.5	93.1	93.2	93.7	93.7	93.7	94.0	94.0	94.0	94.0
≥ 400		82.9	85.8	87.8	90.5	91.9	93.7	95.2	95.3	95.7	95.7	95.7	96.0	96.0	96.0	96.0
≥ 300		82.9	85.8	88.0	90.9	92.3	94.0	95.7	95.9	96.8	97.0	97.0	97.3	97.5	97.6	97.8
≥ 200		82.9	85.8	88.0	91.1	92.5	94.4	96.1	96.3	97.4	97.7	97.7	98.5	98.9	99.0	99.5
≥ 100		82.9	85.8	88.0	91.1	92.5	94.4	96.1	96.3	97.4	97.7	97.7	98.7	99.2	99.6	100.0
≥ 0		82.9	85.8	88.0	91.1	92.5	94.4	96.1	96.3	97.4	97.7	97.7	98.7	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		58.3	59.7	59.9	60.2	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000		61.4	63.0	63.5	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.3	64.6
≥ 18000		61.8	63.5	63.9	64.1	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.8	65.0
≥ 16000		62.5	64.1	64.6	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.5	65.7
≥ 14000		62.8	64.5	64.9	65.1	65.1	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.8	66.0
≥ 12000		64.5	66.1	66.6	66.8	66.8	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.4	67.7
≥ 10000		66.7	68.3	68.8	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.8	70.0
≥ 9000		67.0	68.7	69.1	69.4	69.4	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.1	70.3
≥ 8000		68.9	70.8	71.2	71.5	71.5	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.4
≥ 7000		69.3	71.2	71.7	72.1	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.7	73.0
≥ 6000		69.8	71.6	72.2	72.5	72.5	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.2	73.4
≥ 5000		71.5	73.7	74.3	74.6	74.6	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.3	75.6
≥ 4500		71.5	73.7	74.3	74.6	74.6	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.3	75.6
≥ 4000		73.7	76.4	76.9	77.3	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.9	78.4
≥ 3500		75.5	78.1	78.7	79.1	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.8	80.2
≥ 3000		77.6	80.2	80.8	81.5	81.5	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.3	82.8
≥ 2500		78.1	80.8	81.3	82.0	82.0	82.2	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.3	83.8
≥ 2000		79.2	81.9	82.5	83.1	83.1	83.3	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.5	85.0
≥ 1800		79.2	81.9	82.5	83.2	83.2	83.4	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.7	85.1
≥ 1500		80.4	83.0	83.6	84.3	84.3	84.5	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.8	86.2
≥ 1200		81.2	83.9	84.4	85.2	85.2	85.4	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.6	87.1
≥ 1000		82.1	84.9	85.4	86.2	86.2	86.4	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.7	88.2
≥ 900		82.9	85.7	86.2	87.0	87.0	87.2	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.6	89.1
≥ 800		83.2	86.1	86.8	87.5	87.5	87.7	88.5	88.5	88.7	88.9	88.9	88.9	88.9	89.2	89.6
≥ 700		83.3	86.2	86.9	87.7	87.7	88.0	88.7	88.7	89.0	89.1	89.1	89.1	89.1	89.4	89.8
≥ 600		84.3	87.3	88.1	89.4	89.5	89.7	90.5	90.5	90.7	90.8	90.8	90.8	90.8	91.2	91.6
≥ 500		85.0	88.0	88.9	90.6	90.7	91.1	91.8	91.9	92.2	92.3	92.3	92.3	92.3	92.6	93.0
≥ 400		85.5	88.5	89.4	91.6	91.9	92.7	93.7	93.9	94.2	94.4	94.4	94.4	94.4	94.7	95.1
≥ 300		85.5	88.5	89.4	91.6	92.2	92.9	94.4	94.7	95.3	95.5	95.5	95.5	95.5	95.8	96.6
≥ 200		85.5	88.6	89.5	91.9	92.4	93.3	94.8	95.5	96.5	97.0	97.0	97.0	97.2	97.8	98.6
≥ 100		85.5	88.6	89.5	91.9	92.4	93.3	94.9	95.6	96.7	97.2	97.2	97.2	97.6	98.6	99.9
≥ 0		85.5	88.6	89.5	91.9	92.4	93.3	94.9	95.6	96.7	97.2	97.2	97.2	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 906

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000		53.4	54.4	54.7	55.0	55.0	55.1	55.1	55.1	55.2	55.3	55.3	55.3	55.4	55.5	55.7
IV 18000		58.0	59.3	59.7	60.0	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.5	60.6	60.8
IV 16000		58.3	59.7	60.1	60.4	60.4	60.5	60.5	60.6	60.6	60.7	60.7	60.8	60.8	60.9	61.2
IV 14000		58.6	59.9	60.3	60.6	60.7	60.8	60.8	60.8	60.9	60.9	60.9	61.1	61.1	61.2	61.4
IV 12000		59.2	60.5	61.0	61.3	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.8	62.1
IV 10000		61.3	62.6	63.1	63.4	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.9	63.9	64.0	64.2
IV 9000		63.9	65.3	65.7	66.1	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.6	66.6	66.7	67.0
IV 8000		64.3	65.7	66.2	66.6	66.6	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.1	67.2	67.4
IV 7000		66.3	67.9	68.5	69.0	69.0	69.1	69.1	69.2	69.3	69.3	69.3	69.4	69.5	69.6	69.8
IV 6000		67.6	69.2	69.8	70.3	70.4	70.5	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.9	71.2
IV 5000		68.4	70.1	70.7	71.2	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.7	71.8	71.9	72.1
IV 4500		70.2	72.1	72.8	73.3	73.4	73.5	73.5	73.6	73.7	73.7	73.7	73.9	73.9	74.0	74.3
IV 4000		70.6	72.5	73.2	73.7	73.8	74.0	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.5	74.7
IV 3500		72.7	74.8	75.5	76.1	76.2	76.4	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.9	77.1
IV 3000		73.6	75.9	76.6	77.2	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.9	77.9	78.0	78.3
IV 2500		74.7	77.1	77.9	78.6	78.6	79.0	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.6	79.8
IV 2000		75.2	77.8	78.7	79.4	79.8	80.0	80.1	80.1	80.2	80.3	80.3	80.5	80.5	80.6	80.9
IV 1800		76.9	79.6	80.6	81.4	81.5	82.0	82.2	82.3	82.4	82.5	82.5	82.6	82.7	82.8	83.1
IV 1500		77.1	79.9	80.9	81.7	82.1	82.4	82.6	82.6	82.8	82.9	82.9	83.0	83.0	83.2	83.5
IV 1200		77.8	80.7	81.3	82.7	83.0	83.4	83.8	83.8	84.0	84.0	84.0	84.2	84.2	84.4	84.7
IV 1000		79.1	82.2	83.3	84.4	84.9	85.3	85.6	85.7	85.9	85.9	85.9	86.1	86.1	86.3	86.6
IV 900		79.6	83.1	84.2	85.4	85.8	86.3	86.7	86.7	86.9	87.0	87.0	87.2	87.2	87.4	87.7
IV 800		80.4	83.7	84.9	86.0	86.5	87.0	87.4	87.4	87.7	87.7	87.7	87.9	88.0	88.1	88.4
IV 700		80.9	84.3	85.6	86.8	87.4	87.9	88.3	88.4	88.6	88.7	88.7	88.9	88.9	89.1	89.4
IV 600		81.3	84.8	86.1	87.6	88.2	88.7	89.1	89.2	89.4	89.5	89.5	89.7	89.7	89.9	90.2
IV 500		81.6	85.5	86.9	88.6	89.3	90.0	90.4	90.5	90.8	90.9	90.9	91.1	91.1	91.2	91.5
IV 400		82.1	86.0	87.5	89.6	90.4	91.3	91.9	92.1	92.4	92.5	92.5	92.7	92.8	93.0	93.3
IV 300		82.4	86.4	88.0	90.4	91.4	92.7	93.5	93.7	94.1	94.3	94.3	94.5	94.6	94.7	95.1
IV 200		82.4	86.5	88.3	90.9	91.9	93.5	94.8	95.2	95.7	96.1	96.1	96.4	96.6	96.7	97.2
IV 100		82.4	86.6	88.4	91.1	92.2	93.9	95.4	95.9	96.8	97.4	97.5	98.1	98.2	98.6	99.2
IV 0		82.4	86.6	88.4	91.1	92.2	94.0	95.5	96.0	96.8	97.5	97.6	98.3	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7017

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73,75-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		61.7	64.4	65.5	66.3	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.2
≥ 20000		67.0	69.7	71.1	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.9
≥ 18000		67.3	70.0	71.4	72.2	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	73.2
IV 16000		67.3	70.0	71.4	72.2	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	73.2
≥ 14000		67.7	70.4	71.9	72.6	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.6
IV 12000		69.4	72.0	73.6	74.5	74.7	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.6
IV 10000		71.6	74.2	75.8	76.7	76.9	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.8
IV 9000		71.9	74.5	76.1	77.0	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	78.1
IV 8000		72.8	75.6	77.3	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	79.2
IV 7000		73.3	76.1	77.9	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.8
IV 6000		74.1	76.9	78.6	79.5	79.7	79.8	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.6
IV 5000		76.4	79.2	81.0	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.9
IV 4500		76.7	79.5	81.3	82.3	82.5	82.8	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.5
IV 4000		78.9	82.2	83.9	85.0	85.1	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	86.2
IV 3500		80.1	83.5	85.3	86.3	86.5	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.5
IV 3000		81.3	84.7	86.7	87.9	88.1	88.4	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	89.1
IV 2500		81.7	85.1	87.2	89.0	89.1	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	90.3
IV 2000		82.6	86.0	88.5	90.4	90.6	91.0	91.2	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.9
IV 1800		82.6	86.0	88.5	90.4	90.6	91.0	91.2	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.9
IV 1500		82.6	86.3	89.0	90.9	91.0	91.5	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	92.3
IV 1200		83.1	87.0	89.8	91.8	91.9	92.3	92.5	92.5	92.6	92.6	92.8	92.8	92.8	92.8	93.2
IV 1000		83.2	87.3	90.1	92.0	92.2	92.6	92.8	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.5
IV 900		83.2	87.6	90.4	92.3	92.5	92.9	93.1	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.8
IV 800		83.6	88.2	91.2	93.1	93.2	93.7	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.6
IV 700		83.6	88.2	91.2	93.1	93.2	93.7	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.6
IV 600		84.2	88.7	91.9	93.8	94.0	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	95.3
IV 500		84.5	89.0	92.3	94.4	94.6	95.3	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	96.2
IV 400		84.5	89.0	92.3	94.6	94.7	95.6	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.5
IV 300		84.7	89.1	92.6	95.1	95.4	96.3	96.5	96.5	96.8	96.8	96.9	96.9	96.9	97.2	97.8
IV 200		84.7	89.1	92.9	95.3	95.6	96.6	96.8	97.1	97.5	97.5	97.6	97.8	97.9	98.4	99.0
IV 100		84.7	89.1	92.9	95.3	95.6	96.6	96.8	97.1	97.8	97.8	97.9	98.1	98.4	99.1	99.9
IV 0		84.7	89.1	92.9	95.3	95.6	96.6	96.8	97.1	97.8	97.8	97.9	98.1	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73,75-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		58.7 63.1	61.5 65.9	62.4 66.8	63.5 67.9	63.8 68.2	64.6 69.0	64.9 69.3	64.9 69.3	65.1 69.6	65.1 69.6	65.1 69.6	65.1 69.6	65.1 69.6	65.1 69.6	65.3 69.7
IV 18000 IV 16000		63.2 63.4	66.0 66.2	66.9 67.1	68.1 68.2	68.4 68.5	69.1 69.3	69.4 69.6	69.4 69.6	69.7 69.9	69.7 69.9	69.7 69.9	69.7 69.9	69.7 69.9	69.7 69.9	69.9 70.0
IV 14000 IV 12000		63.4 65.3	66.2 68.1	67.1 69.0	68.2 70.1	68.5 70.4	69.3 71.2	69.6 71.5	69.6 71.5	69.9 71.8	69.9 71.8	69.9 71.8	69.9 71.8	69.9 71.8	69.9 71.8	70.0 71.9
IV 10000 IV 9000		67.5 67.5	70.6 70.6	71.6 71.6	72.8 72.8	73.1 73.1	73.8 73.8	74.1 74.1	74.1 74.1	74.4 74.4	74.4 74.4	74.4 74.4	74.4 74.4	74.4 74.4	74.4 74.4	74.6 74.6
IV 8000 IV 7000		69.7 70.1	72.8 73.2	73.8 74.3	75.0 75.4	75.3 75.7	76.0 76.5	76.3 76.8	76.3 76.8	76.6 77.1	76.6 77.1	76.6 77.1	76.6 77.1	76.6 77.1	76.6 77.1	76.8 77.2
IV 6000 IV 5000		71.3 74.0	74.4 77.1	75.4 78.1	76.6 79.3	76.9 79.6	77.6 80.3	77.9 80.6	77.9 80.6	78.2 80.9	78.2 80.9	78.2 80.9	78.2 80.9	78.2 80.9	78.2 80.9	78.4 81.0
IV 4500 IV 4000		75.4 76.0	78.5 79.3	79.6 80.3	80.9 81.6	81.3 82.1	82.1 82.8	82.4 83.1	82.4 83.1	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.8 83.5	82.9 83.7
IV 3500 IV 3000		77.6 77.9	80.9 81.2	81.9 82.2	83.2 83.5	83.7 84.0	84.4 84.7	84.7 85.0	84.7 85.0	85.1 85.4	85.1 85.4	85.1 85.4	85.1 85.4	85.1 85.4	85.1 85.4	85.3 85.6
IV 2500 IV 2000		78.7 79.6	81.9 83.2	83.1 84.6	84.9 86.3	85.3 86.8	86.0 87.5	86.3 87.8	86.3 87.9	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.8 88.4	86.9 88.5
IV 1800 IV 1500		79.9 80.1	83.7 84.4	85.0 85.7	86.6 87.5	87.2 87.9	87.9 88.7	88.2 89.0	88.4 89.1	88.8 89.6	88.8 89.6	88.8 89.6	88.8 89.6	88.8 89.6	88.8 89.6	89.0 89.7
IV 1200 IV 1000		81.0 81.3	85.3 85.7	86.6 87.1	88.4 89.0	88.8 89.4	89.6 90.1	89.9 90.6	90.0 90.7	90.4 91.2	90.4 91.2	90.4 91.2	90.4 91.2	90.4 91.2	90.4 91.2	90.6 91.3
IV 900 IV 800		81.6 81.9	86.2 86.6	87.5 87.9	89.4 90.0	89.9 90.4	90.6 91.2	91.0 91.6	91.2 91.6	91.6 92.2	91.6 92.2	91.6 92.2	91.6 92.2	91.6 92.2	91.6 92.2	91.8 92.4
IV 700 IV 600		82.4 82.5	87.1 87.2	88.4 88.7	90.4 90.7	90.9 91.2	91.6 91.9	92.1 92.4	92.2 92.5	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.8 93.1
IV 500 IV 400		83.2 83.4	88.1 88.6	90.1 91.0	92.4 93.5	92.8 94.0	93.7 95.0	94.1 95.7	94.4 96.0	94.9 96.6	94.9 96.6	94.9 96.6	94.9 96.6	94.9 96.6	94.9 96.6	95.0 96.8
IV 300 IV 200		83.4 83.4	88.6 88.6	91.2 91.2	93.6 93.6	94.1 94.1	95.4 95.4	96.1 96.6	96.6 96.9	97.2 97.5	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.2	97.2 98.2	97.5 99.1
IV 100 IV 0		83.4 83.4	88.6 88.6	91.2 91.2	93.6 93.6	94.1 94.1	95.4 95.4	96.6 96.6	96.9 96.9	97.8 97.8	98.4 98.4	98.4 98.4	98.5 98.5	98.5 98.5	99.3 99.3	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING, (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		52.9	56.9	58.9	59.5	59.6	60.7	61.0	61.0	61.1	61.2	61.2	61.2	61.3	61.4	61.6
≥ 20000		57.2	61.4	63.4	64.0	64.1	65.2	65.6	65.7	65.9	66.0	66.0	66.0	66.1	66.2	66.3
≥ 18000		57.2	61.4	63.4	64.0	64.1	65.2	65.6	65.7	65.9	66.0	66.0	66.0	66.1	66.2	66.3
≥ 16000		57.5	61.8	63.8	64.4	64.5	65.6	66.0	66.1	66.2	66.3	66.3	66.3	66.5	66.6	66.7
≥ 14000		57.9	62.3	64.3	64.9	65.0	66.1	66.5	66.6	66.7	66.8	66.8	66.8	67.0	67.1	67.2
≥ 12000		59.6	64.1	66.2	66.8	67.0	68.1	68.4	68.5	68.7	68.9	68.9	68.9	69.0	69.2	69.3
≥ 10000		61.9	66.7	68.8	69.4	69.5	70.6	71.0	71.1	71.2	71.5	71.5	71.5	71.6	71.7	71.8
≥ 9000		61.9	66.7	68.8	69.4	69.5	70.6	71.0	71.1	71.2	71.5	71.5	71.5	71.6	71.7	71.8
≥ 8000		64.3	69.0	71.2	72.2	72.3	73.4	73.8	73.9	74.1	74.3	74.3	74.3	74.4	74.5	74.7
≥ 7000		65.4	70.1	72.5	73.4	73.6	74.7	75.0	75.2	75.3	75.5	75.5	75.6	75.8	75.9	76.0
≥ 6000		66.1	71.1	73.4	74.4	74.5	75.6	76.0	76.1	76.3	76.5	76.5	76.6	76.7	76.9	77.0
≥ 5000		67.9	73.3	76.0	77.0	77.1	78.2	78.6	78.7	78.8	79.1	79.1	79.2	79.3	79.4	79.6
≥ 4500		69.0	74.4	77.1	78.1	78.2	79.3	79.7	79.8	79.9	80.2	80.2	80.3	80.4	80.5	80.7
≥ 4000		69.4	75.0	77.8	78.8	78.9	80.0	80.4	80.5	80.8	81.0	81.0	81.2	81.3	81.4	81.5
≥ 3500		70.6	76.3	79.1	80.0	80.3	81.4	81.8	81.9	82.1	82.4	82.4	82.5	82.6	82.7	82.9
≥ 3000		72.1	77.7	80.8	81.9	82.1	83.2	83.6	83.7	84.0	84.2	84.2	84.3	84.5	84.6	84.7
≥ 2500		73.2	79.1	82.1	83.4	83.6	84.8	85.3	85.4	85.7	85.9	85.9	86.0	86.2	86.3	86.4
≥ 2000		73.8	79.9	83.0	84.3	84.7	85.9	86.4	86.5	86.8	87.0	87.0	87.1	87.3	87.4	87.6
≥ 1800		73.8	80.2	83.2	84.6	84.9	86.2	86.7	86.8	87.0	87.3	87.3	87.4	87.5	87.6	87.9
≥ 1500		74.2	80.7	83.7	85.1	85.4	86.8	87.3	87.5	87.8	88.0	88.0	88.1	88.2	88.4	88.6
≥ 1200		74.2	80.7	84.0	85.3	85.7	87.0	87.5	87.8	88.0	88.2	88.2	88.4	88.5	88.6	88.9
≥ 1000		74.4	81.0	84.5	85.8	86.2	87.5	88.0	88.2	88.5	88.7	88.7	88.9	89.0	89.1	89.4
≥ 900		74.9	81.5	84.9	86.3	86.7	88.0	88.5	88.7	89.0	89.2	89.2	89.4	89.5	89.6	89.8
≥ 800		75.2	81.8	85.2	86.9	87.3	88.6	89.1	89.4	89.6	90.0	90.0	90.1	90.2	90.3	90.6
≥ 700		75.5	82.1	85.6	87.3	87.8	89.2	89.8	90.1	90.3	90.7	90.7	90.8	90.9	91.2	91.4
≥ 600		75.8	82.5	86.3	88.0	88.6	90.1	90.7	90.9	91.2	91.6	91.6	91.8	91.9	92.2	92.5
≥ 500		76.0	82.7	86.8	88.5	89.2	90.8	91.7	92.0	92.4	92.9	92.9	93.3	93.4	93.6	94.0
≥ 400		76.3	83.1	87.4	89.5	90.3	92.2	93.3	93.6	94.2	94.7	94.7	95.2	95.3	95.6	96.0
≥ 300		76.3	83.1	87.4	89.6	90.6	92.5	93.9	94.2	95.1	95.8	95.8	96.3	96.5	97.1	97.4
≥ 200		76.3	83.1	87.4	89.6	90.6	92.5	93.9	94.5	95.6	96.7	96.8	97.7	98.2	98.8	99.4
≥ 100		76.3	83.1	87.4	89.6	90.6	92.7	94.0	94.6	95.7	96.8	96.9	97.9	98.4	99.0	99.8
≥ 0		76.3	83.1	87.4	89.6	90.6	92.7	94.0	94.6	95.7	96.8	96.9	97.9	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		57.2	58.5	58.8	58.8	59.0	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8
≥ 20000		62.2	63.7	64.1	64.2	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
≥ 18000		62.5	64.1	64.4	64.5	64.8	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6
≥ 16000		62.8	64.3	64.7	64.8	65.0	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8
≥ 14000		63.2	64.8	65.1	65.2	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3
≥ 12000		65.4	66.9	67.3	67.4	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
≥ 10000		67.7	69.3	69.6	69.8	70.0	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
≥ 9000		68.0	69.6	70.0	70.1	70.3	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2
≥ 8000		70.6	72.4	72.7	72.8	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1
≥ 7000		71.5	73.4	73.8	73.9	74.3	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4
≥ 6000		72.5	74.6	75.0	75.1	75.4	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6
≥ 5000		73.4	75.9	76.4	76.6	77.0	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3
≥ 4500		73.8	76.3	76.7	77.1	77.5	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.8	78.8	78.8
≥ 4000		75.6	78.5	79.1	79.5	79.8	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3	81.3
≥ 3500		76.7	79.6	80.4	80.8	81.3	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7
≥ 3000		78.2	81.0	81.9	82.4	82.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6	84.6
≥ 2500		78.9	81.7	82.6	83.6	84.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.9	85.9	85.9
≥ 2000		79.7	82.6	83.4	84.5	85.1	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2
≥ 1800		80.1	82.9	83.7	84.8	85.4	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.5
≥ 1500		80.7	83.5	84.5	85.9	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6
≥ 1200		81.4	84.2	85.8	87.2	87.8	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9
≥ 1000		81.9	84.7	86.4	87.8	88.4	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5
≥ 900		82.6	85.4	87.3	88.7	89.3	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5
≥ 800		82.6	85.4	87.4	89.0	89.6	90.7	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7
≥ 700		82.9	85.9	88.0	89.7	90.3	91.6	92.3	92.5	92.5	92.5	92.5	92.5	92.8	92.8	92.8
≥ 600		82.9	86.0	88.1	90.0	90.9	92.3	93.0	93.4	93.6	93.6	93.6	93.6	93.8	93.8	94.0
≥ 500		83.5	86.6	89.1	91.0	92.1	93.7	94.5	94.9	95.4	95.4	95.4	95.4	95.6	95.6	95.7
≥ 400		83.7	87.0	89.6	91.6	92.8	94.8	96.0	96.4	96.9	96.9	96.9	96.9	97.3	97.3	97.5
≥ 300		83.7	87.0	89.6	91.6	92.8	94.8	96.1	96.7	97.2	97.3	97.3	97.3	97.7	98.1	98.5
≥ 200		83.7	87.0	89.6	91.6	92.8	94.8	96.1	96.8	97.4	97.7	97.7	97.7	98.7	99.4	99.8
≥ 100		83.7	87.0	89.6	91.6	92.8	94.8	96.1	96.8	97.4	97.7	97.7	97.7	98.7	99.4	99.8
≥ 0		83.7	87.0	89.6	91.6	92.8	94.8	96.1	96.8	97.4	97.7	97.7	97.7	98.7	99.4	99.8

TOTAL NUMBER OF OBSERVATIONS

843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		58.9	59.3	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8
≥ 20000		66.3	66.7	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 18000		67.3	67.8	67.8	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 16000		67.5	67.9	67.9	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 14000		68.3	68.8	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2
≥ 12000		70.4	70.9	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
≥ 10000		72.2	72.8	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
≥ 9000		73.8	74.6	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 8000		75.4	76.1	76.1	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 7000		76.2	76.9	76.9	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.6
≥ 6000		77.0	77.8	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.6
≥ 5000		78.7	79.8	79.9	80.2	80.5	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.1	81.2
≥ 4500		78.9	80.0	80.1	80.5	80.7	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.4
≥ 4000		80.2	81.3	81.4	81.9	82.2	82.5	82.6	82.6	82.7	82.7	82.7	82.8	82.8	83.0	83.1
≥ 3500		81.4	82.5	82.6	83.1	83.4	83.9	84.0	84.0	84.1	84.1	84.1	84.3	84.3	84.4	84.5
≥ 3000		82.5	83.6	83.8	84.3	84.6	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.6	85.7
≥ 2500		83.1	84.1	84.4	85.2	85.6	86.2	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.6	86.7
≥ 2000		84.3	85.7	85.9	87.0	87.5	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.6	88.8
≥ 1800		84.5	85.9	86.2	87.2	87.7	88.4	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.9	89.0
≥ 1500		85.4	87.1	87.5	88.5	89.1	89.9	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.5	90.7
≥ 1200		86.5	88.4	88.8	89.8	90.4	91.4	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.1	92.2
≥ 1000		87.0	89.1	89.5	90.5	91.2	92.3	92.7	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.1
≥ 900		87.5	89.6	89.9	91.0	91.8	92.9	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.7	93.8
≥ 800		87.7	89.8	90.3	91.5	92.3	93.4	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.6
≥ 700		88.0	90.3	91.0	92.3	93.3	94.4	95.1	95.3	95.4	95.4	95.4	95.5	95.5	95.6	95.7
≥ 600		88.3	90.5	91.4	92.7	93.7	95.0	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.3
≥ 500		88.5	91.0	92.0	93.5	94.6	96.0	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.8	97.9
≥ 400		88.5	91.0	92.0	93.5	94.7	96.1	97.3	97.8	98.0	98.0	98.0	98.1	98.1	98.2	98.3
≥ 300		88.5	91.1	92.2	93.7	94.9	96.4	97.9	98.3	98.6	98.7	98.7	98.8	98.8	98.9	99.1
≥ 200		88.5	91.1	92.2	93.7	95.0	96.7	98.1	98.7	98.9	99.3	99.4	99.6	99.8	99.9	100.0
≥ 100		88.5	91.1	92.2	93.7	95.0	96.7	98.1	98.7	98.9	99.3	99.4	99.6	99.8	99.9	100.0
≥ 0		88.5	91.1	92.2	93.7	95.0	96.7	98.1	98.7	98.9	99.3	99.4	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		58.3	59.0	59.1	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000		67.0	67.8	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000		68.0	68.8	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000		68.0	68.8	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000		68.8	69.6	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000		70.7	71.6	71.7	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 9000		72.8	73.9	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000		74.2	75.7	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 7000		75.9	77.3	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000		76.6	78.1	78.6	78.8	78.8	79.7	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 5000		79.6	80.1	80.6	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 4500		79.8	81.6	82.0	82.3	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9
≥ 4000		80.3	82.0	82.5	82.7	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
≥ 3500		81.9	83.7	84.2	84.5	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
≥ 3000		82.4	84.2	84.6	85.0	85.2	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8
≥ 2500		83.5	85.2	85.9	86.4	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 2000		84.6	86.4	87.1	87.6	87.8	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 1800		85.8	87.6	88.4	89.0	89.2	89.4	89.7	89.7	89.8	89.8	89.8	89.8	90.0	90.0	90.0
≥ 1500		86.1	87.9	88.8	89.4	89.6	89.7	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3
≥ 1200		87.0	88.9	89.7	90.5	90.8	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5
≥ 1000		87.7	89.6	90.4	91.6	91.8	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7
≥ 900		88.1	90.1	90.9	92.2	92.4	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 800		88.1	90.3	91.1	92.4	92.8	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.9	93.9	93.9
≥ 700		88.4	90.8	91.8	93.5	93.9	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 600		88.5	90.9	92.0	93.6	94.0	94.8	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 500		88.7	91.1	92.6	94.4	94.9	95.9	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 400		88.9	91.4	92.8	95.2	95.7	96.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 300		89.1	91.6	93.0	95.5	96.1	97.3	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 200		89.1	91.7	93.1	95.8	96.2	97.4	99.1	99.1	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 100		89.1	91.7	93.1	95.8	96.2	97.4	99.1	99.1	99.5	99.5	99.5	99.5	99.8	99.8	99.8
≥ 0		89.1	91.7	93.1	95.8	96.2	97.4	99.1	99.1	99.5	99.5	99.5	99.5	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		63.7	61.3	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000		68.5	69.5	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000		68.8	69.9	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000		69.1	70.1	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000		70.1	71.4	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000		70.9	72.2	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000		73.8	75.1	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000		74.4	75.8	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000		76.2	77.8	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000		76.8	78.4	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000		78.7	80.3	80.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000		79.9	81.5	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500		80.8	82.3	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000		82.3	84.0	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500		82.9	85.2	86.1	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000		84.0	86.4	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500		84.2	86.6	87.6	88.4	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000		84.8	87.2	88.2	89.0	89.0	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800		84.8	87.2	88.2	89.0	89.0	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500		85.4	87.8	88.7	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200		86.3	88.6	89.6	90.6	90.6	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1000		86.8	89.2	90.2	91.4	91.4	92.2	92.3	92.3	92.3	92.5	92.5	92.7	92.7	92.7	92.7
≥ 900		87.0	89.3	90.3	91.8	91.9	92.8	92.9	92.9	92.9	93.1	93.1	93.2	93.2	93.2	93.2
≥ 800		87.2	89.7	90.6	92.2	92.3	93.1	93.2	93.2	93.2	93.5	93.5	93.7	93.7	93.7	93.7
≥ 700		87.2	89.9	91.0	92.8	92.9	94.0	94.1	94.1	94.3	94.5	94.5	94.8	94.8	94.8	94.8
≥ 600		87.3	90.3	91.4	93.7	94.0	95.0	95.3	95.3	95.5	95.9	95.9	96.1	96.1	96.1	96.1
≥ 500		87.4	90.6	91.7	94.3	94.5	95.9	96.4	96.4	96.7	97.0	97.0	97.3	97.3	97.3	97.3
≥ 400		87.9	91.2	92.4	95.0	95.3	96.7	97.4	97.4	97.7	98.1	98.1	98.3	98.3	98.3	98.3
≥ 300		87.9	91.2	92.4	95.0	95.4	96.8	97.7	97.9	98.2	98.6	98.6	98.9	98.9	98.9	98.9
≥ 200		87.9	91.2	92.4	95.0	95.4	96.8	97.7	98.0	98.5	98.9	98.9	99.4	99.4	99.5	99.5
≥ 100		87.9	91.2	92.4	95.0	95.4	96.8	97.7	98.0	98.5	98.9	98.9	99.4	99.4	99.5	99.5
≥ 0		87.9	91.2	92.4	95.0	95.4	96.8	97.7	98.0	98.5	98.9	98.9	99.4	99.4	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 644

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		64.6	65.2	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.7	66.7	66.7
≥ 20000		69.5	70.1	71.0	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7
≥ 18000		69.9	70.5	71.4	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1
≥ 16000		70.1	70.7	71.6	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3
≥ 14000		70.6	71.2	72.1	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8
≥ 12000		71.2	71.9	72.7	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.5	73.5	73.5
≥ 10000		74.4	75.1	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.8	76.8	76.8
≥ 9000		74.7	75.4	76.3	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.2	77.2	77.2
≥ 8000		76.5	77.4	78.4	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.3	79.3	79.3
≥ 7000		77.9	78.8	79.8	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7	80.7
≥ 6000		78.5	79.5	80.5	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.5
≥ 5000		80.7	81.9	82.8	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8
≥ 4500		81.5	82.6	83.6	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.8	84.8	84.8
≥ 4000		82.8	84.6	85.6	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9	86.9	86.9
≥ 3500		83.1	85.1	86.0	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.4
≥ 3000		83.7	85.9	86.9	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.3	88.3	88.3
≥ 2500		84.8	87.2	88.1	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.5	89.5	89.5
≥ 2000		85.6	88.7	89.0	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.4	90.4	90.4
≥ 1800		85.7	88.1	89.1	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.5	90.5	90.5
≥ 1500		86.3	88.8	90.0	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.4	91.4	91.4
≥ 1200		86.8	89.5	90.9	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.6
≥ 1000		87.0	89.8	91.1	91.9	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.8	92.8	92.8
≥ 900		87.2	90.0	91.4	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2	93.2	93.2
≥ 800		87.3	90.1	91.9	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.7	93.7	93.7
≥ 700		88.0	91.0	93.0	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9
≥ 600		88.1	91.2	93.5	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7
≥ 500		88.3	91.6	94.1	95.3	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.0	97.0	97.0
≥ 400		88.4	91.9	94.7	96.2	96.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1
≥ 300		88.4	91.9	94.7	96.4	96.7	97.7	97.9	98.0	98.3	98.3	98.3	98.3	98.8	98.8	98.8
≥ 200		88.4	91.9	94.7	96.4	96.7	97.7	97.9	98.0	98.5	98.5	98.5	98.6	99.1	99.1	99.1
≥ 100		88.4	91.9	94.7	96.4	96.7	97.7	97.9	98.0	98.6	98.8	98.8	98.9	99.4	99.4	99.4
≥ 0		88.4	91.9	94.7	96.4	96.7	97.7	97.9	98.0	98.6	98.8	98.9	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 31

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1717
STATION

MYPTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 3/8	≥ 0
NO CEILING ≥ 20000		59.1 65.1	60.6 66.8	61.3 67.6	61.8 68.0	61.8 68.1	62.2 68.5	62.3 68.6	62.3 68.6	62.4 68.7	62.4 68.7	62.4 68.7	62.4 68.7	62.4 68.8	62.4 68.8	62.5 68.9
≥ 18000 ≥ 16000		65.6 65.7	67.3 67.5	68.0 68.2	68.5 68.6	68.6 68.8	68.9 69.1	69.1 69.2	69.1 69.2	69.1 69.3	69.1 69.3	69.2 69.3	69.2 69.3	69.2 69.4	69.2 69.4	69.3 69.5
≥ 14000 ≥ 12000		66.3 67.9	68.1 69.7	68.8 70.5	69.3 70.9	69.4 71.1	69.7 71.4	69.9 71.5	69.9 71.5	69.9 71.6	69.9 71.6	70.0 71.6	70.0 71.7	70.0 71.7	70.0 71.7	70.1 71.8
≥ 10000 ≥ 9000		70.3 70.9	72.2 72.9	73.0 73.7	73.5 74.2	73.6 74.3	73.9 74.6	74.1 74.8	74.1 74.8	74.1 74.8	74.2 74.9	74.2 74.9	74.2 74.9	74.3 75.0	74.3 75.0	74.4 75.1
≥ 8000 ≥ 7000		72.8 73.6	74.8 75.7	75.7 76.6	76.3 77.2	76.4 77.3	76.8 77.7	76.9 77.9	76.9 77.9	76.9 77.9	77.0 78.0	77.0 78.1	77.1 78.1	77.1 78.1	77.1 78.1	77.2 78.2
≥ 6000 ≥ 5000		74.7 76.4	76.9 78.8	77.8 79.8	78.4 80.4	78.6 80.6	78.9 81.0	79.1 81.2	79.1 81.2	79.1 81.3	79.2 81.3	79.2 81.3	79.3 81.4	79.3 81.4	79.4 81.5	79.4 81.6
≥ 4500 ≥ 4000		77.1 78.5	79.5 81.1	80.5 82.2	81.2 82.9	81.4 83.1	81.9 83.5	82.0 83.8	82.0 83.8	82.1 83.9	82.1 83.9	82.1 83.9	82.3 84.1	82.3 84.1	82.3 84.1	82.4 84.2
≥ 3500 ≥ 3000		79.4 80.5	82.1 83.2	83.2 84.4	84.0 85.2	84.2 85.5	84.7 86.0	84.9 86.2	84.9 86.2	85.0 86.3	85.1 86.4	85.1 86.4	85.2 86.5	85.2 86.5	85.2 86.5	85.3 86.6
≥ 2500 ≥ 2000		81.2 82.1	84.1 85.1	85.3 86.4	86.3 87.5	86.6 87.8	87.1 88.4	87.4 88.7	87.4 88.7	87.5 88.8	87.5 88.9	87.5 88.9	87.7 89.0	87.7 89.0	87.7 89.0	87.8 89.2
≥ 1800 ≥ 1500		82.2 82.8	85.3 86.1	86.6 87.4	87.7 88.5	88.0 88.9	88.6 89.5	88.9 89.8	88.9 89.8	89.0 90.0	89.1 90.0	89.1 90.0	89.2 90.1	89.2 90.2	89.2 90.2	89.4 90.3
≥ 1200 ≥ 1000		83.5 83.8	86.7 87.2	88.2 88.7	89.5 90.1	89.8 90.4	90.6 91.2	90.9 91.5	90.9 91.6	91.0 91.7	91.1 91.8	91.1 91.8	91.2 91.9	91.2 92.0	91.3 92.0	91.4 92.1
≥ 900 ≥ 800		84.1 84.3	87.5 87.8	89.1 89.6	90.5 91.1	90.9 91.5	91.7 92.3	92.1 92.7	92.1 92.7	92.3 92.9	92.3 92.9	92.3 92.9	92.5 93.1	92.5 93.1	92.5 93.1	92.6 93.3
≥ 700 ≥ 600		84.6 84.8	88.2 88.5	90.0 90.5	91.6 92.3	92.1 92.8	93.0 93.8	93.4 94.2	93.5 94.4	93.7 94.6	93.8 94.7	93.8 94.7	93.9 94.8	94.0 94.9	94.0 94.9	94.1 95.1
≥ 500 ≥ 400		85.1 85.3	88.9 89.2	91.1 91.5	93.1 93.7	93.6 94.3	94.9 95.6	95.5 96.5	95.7 96.7	95.9 97.0	96.0 97.2	96.1 97.2	96.2 97.4	96.3 97.4	96.3 97.5	96.4 97.6
≥ 300 ≥ 200		85.3 85.3	89.3 89.3	91.7 91.7	93.8 93.9	94.5 94.5	95.9 96.0	97.0 97.0	97.2 97.4	97.6 98.0	97.8 98.3	97.8 98.4	98.1 98.9	98.2 99.1	98.4 99.4	98.5 99.7
≥ 100 ≥ 0		85.3 85.3	89.3 89.3	91.7 91.7	93.9 93.9	94.5 94.5	96.0 96.0	97.1 97.1	97.4 97.4	98.1 98.1	98.4 98.4	98.5 98.5	99.0 99.0	99.2 99.2	99.6 99.6	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 6364

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717 MYRTLE BEACH AFB SC

69-70,73,75-80

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		54.7	55.6	55.7	55.9	56.1	56.6	56.7	57.0	57.1	57.3	57.3	57.5	57.6	58.2	58.4
≥ 20000		60.0	62.2	62.4	62.6	62.7	63.3	63.4	63.7	63.8	63.9	63.9	64.2	64.3	64.8	65.1
≥ 18000		61.3	63.5	63.7	63.9	64.1	64.6	64.7	65.0	65.1	65.2	65.2	65.5	65.6	66.1	66.4
IV 16000		61.6	63.9	63.9	64.2	64.3	64.8	65.0	65.2	65.4	65.5	65.5	65.8	65.9	66.4	66.7
IV 14000		63.1	65.4	65.5	65.8	65.9	66.4	66.5	66.8	66.9	67.1	67.1	67.3	67.5	68.0	68.2
IV 12000		64.4	66.7	66.8	67.1	67.2	67.7	67.8	68.1	68.2	68.4	68.4	68.6	68.8	69.3	69.5
IV 10000		66.8	69.2	69.3	69.5	69.7	70.2	70.3	70.6	70.7	70.8	70.8	71.1	71.2	71.8	72.0
IV 9000		66.9	69.3	69.4	69.7	69.8	70.3	70.5	70.7	70.8	71.0	71.0	71.2	71.4	71.9	72.2
≥ 8000		68.9	71.4	71.5	71.8	71.9	72.4	72.5	72.8	72.9	73.1	73.1	73.3	73.5	74.0	74.2
≥ 7000		69.9	72.4	72.5	72.8	72.9	73.5	73.6	73.9	74.0	74.1	74.1	74.4	74.5	75.0	75.3
≥ 6000		70.8	73.3	73.5	73.7	73.9	74.4	74.5	74.8	74.9	75.0	75.0	75.3	75.4	75.9	76.2
IV 5000		72.9	75.4	75.7	75.9	76.1	76.6	76.7	77.0	77.1	77.3	77.3	77.5	77.6	78.2	78.4
≥ 4500		73.5	75.9	76.2	76.5	76.6	77.1	77.3	77.5	77.6	77.8	77.8	78.0	78.2	78.7	79.1
≥ 4000		75.7	78.6	79.0	79.3	79.5	80.0	80.1	80.4	80.5	80.7	80.7	80.9	81.0	81.6	81.8
≥ 3500		76.1	79.0	79.3	79.7	79.9	80.4	80.5	80.8	81.0	81.2	81.2	81.4	81.6	82.1	82.4
IV 3000		77.9	81.4	82.1	82.5	82.6	83.1	83.3	83.5	83.8	83.9	83.9	84.2	84.3	84.8	85.1
≥ 2500		78.6	82.2	82.9	83.3	83.4	83.9	84.1	84.3	84.6	84.7	84.7	85.0	85.1	85.6	85.9
≥ 2000		79.6	84.4	85.2	85.9	86.4	86.9	87.1	87.3	87.6	87.7	87.7	88.0	88.1	88.6	88.9
IV 1800		79.7	84.6	85.4	86.0	86.5	87.1	87.2	87.5	87.7	87.8	87.8	88.1	88.2	88.8	89.0
IV 1500		80.5	85.4	86.1	86.8	87.3	87.8	88.0	88.2	88.5	88.6	88.6	88.9	89.0	89.5	89.8
≥ 1200		80.9	86.1	86.9	88.0	88.6	89.3	89.4	89.7	89.9	90.1	90.1	90.3	90.5	91.0	91.2
IV 1000		81.2	86.5	87.3	88.8	89.4	90.2	90.3	90.6	90.8	91.0	91.0	91.2	91.4	91.9	92.2
≥ 900		81.2	86.5	87.3	88.8	89.4	90.2	90.3	90.6	90.8	91.0	91.0	91.2	91.4	91.9	92.2
IV 800		81.2	86.7	87.5	89.2	89.8	90.6	90.7	91.0	91.2	91.4	91.4	91.6	91.8	92.3	92.5
IV 700		81.4	87.2	88.2	90.1	90.7	91.5	91.6	91.9	92.2	92.3	92.3	92.5	92.7	93.2	93.5
IV 600		81.6	87.3	88.8	90.7	91.4	92.2	92.4	92.7	92.9	93.1	93.1	93.3	93.5	94.0	94.2
≥ 500		81.7	87.5	89.0	91.1	91.8	92.8	93.3	93.6	93.9	94.0	94.0	94.2	94.4	94.9	95.2
IV 400		81.8	87.7	89.5	92.0	92.7	94.0	94.5	94.8	95.0	95.3	95.4	95.7	95.8	96.3	96.6
IV 300		81.8	87.7	89.9	93.1	93.9	95.2	95.8	96.1	96.5	96.7	96.9	97.1	97.4	98.2	98.4
IV 200		81.8	87.7	89.9	93.1	94.0	95.4	96.3	96.6	97.1	97.5	97.6	98.0	98.3	99.1	99.6
≥ 100		81.8	87.7	89.9	93.1	94.0	95.4	96.3	96.6	97.1	97.5	97.6	98.0	98.3	99.2	99.7
IV 0		81.8	87.7	89.9	93.1	94.0	95.4	96.3	96.6	97.1	97.5	97.6	98.0	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 765

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73,75-80

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		49.1	51.8	51.6	51.8	51.8	52.0	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.7	54.3
≥ 20000		54.1	55.8	56.7	56.9	56.9	57.1	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.9	59.4
≥ 18000		54.3	56.0	56.9	57.2	57.2	57.3	57.7	57.9	57.9	57.9	57.9	58.0	58.0	58.1	59.7
≥ 16000		55.0	56.7	57.6	57.9	57.9	58.0	58.4	58.5	58.5	58.5	58.5	58.6	58.6	58.8	60.3
≥ 14000		55.4	57.1	58.0	58.2	58.2	58.4	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.2	60.7
≥ 12000		57.2	58.9	59.8	60.1	60.1	60.2	60.6	60.7	60.7	60.7	60.7	60.9	60.9	61.0	62.6
≥ 10000		60.9	62.7	63.6	63.9	63.9	64.0	64.4	64.5	64.5	64.5	64.5	64.7	64.7	64.8	66.4
≥ 9000		61.3	63.4	64.3	64.5	64.5	64.7	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.4	67.0
≥ 8000		63.6	65.7	66.9	67.3	67.3	67.4	67.8	67.9	67.9	67.9	67.9	68.1	68.1	68.2	69.8
≥ 7000		64.3	66.4	67.5	67.9	67.9	68.2	68.6	68.7	68.7	68.7	68.7	68.8	68.8	69.0	70.5
≥ 6000		65.4	67.7	69.0	69.4	69.4	69.6	70.0	70.2	70.2	70.2	70.2	70.3	70.3	70.4	72.0
≥ 5000		67.7	70.3	71.6	72.3	72.3	72.5	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.3	74.9
≥ 4500		68.6	71.6	72.9	73.6	73.6	74.0	74.3	74.5	74.5	74.5	74.5	74.6	74.6	74.7	76.3
≥ 4000		70.5	73.7	75.0	75.9	75.9	76.4	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.2	78.8
≥ 3500		71.3	74.6	76.2	77.1	77.1	77.6	78.0	78.1	78.1	78.1	78.1	78.3	78.3	78.4	80.0
≥ 3000		72.5	75.8	77.5	78.4	78.4	78.9	79.3	79.5	79.5	79.5	79.5	79.6	79.6	79.7	81.3
≥ 2500		73.3	76.7	78.4	79.5	79.5	80.0	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.8	82.3
≥ 2000		75.3	78.8	80.6	81.8	82.2	82.7	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.8	85.3
≥ 1800		75.3	78.8	80.6	81.8	82.2	82.7	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.8	85.3
≥ 1500		77.0	80.5	82.3	83.5	83.9	84.4	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.5	87.0
≥ 1200		78.1	81.7	83.6	85.1	85.6	86.1	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.2	88.7
≥ 1000		79.3	82.9	85.1	86.5	87.0	88.1	88.7	88.9	88.9	88.9	88.9	89.0	89.0	89.1	90.7
≥ 900		79.5	83.0	85.3	86.8	87.3	88.4	89.0	89.1	89.1	89.1	89.1	89.3	89.3	89.4	91.0
≥ 800		79.6	83.4	85.7	87.2	87.7	88.9	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.9	91.5
≥ 700		80.4	83.9	86.4	87.8	88.4	89.5	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.6	92.1
≥ 600		81.4	84.2	86.6	88.2	88.9	90.1	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.1	92.7
≥ 500		80.4	84.3	86.8	88.4	89.0	90.2	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.2	92.8
≥ 400		80.9	85.1	88.0	89.9	90.8	92.3	93.3	93.5	93.7	93.7	93.7	93.8	93.8	94.1	95.7
≥ 300		80.9	85.1	88.2	90.7	91.6	93.2	94.5	94.8	95.0	95.2	95.2	95.3	95.3	95.7	97.5
≥ 200		80.9	85.1	88.4	91.1	92.1	93.8	95.3	95.5	95.9	96.1	96.1	96.3	96.3	96.9	98.8
≥ 100		80.9	85.1	88.4	91.1	92.1	93.8	95.3	95.5	95.9	96.2	96.2	96.6	96.6	97.4	99.5
≥ 0		80.9	85.1	88.4	91.1	92.1	93.8	95.3	95.5	95.9	96.2	96.2	96.6	96.6	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 764

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000		44.4 48.0	46.7 50.7	47.7 51.7	48.5 52.6	48.8 52.9	49.2 53.4	49.8 54.2	49.8 54.2	50.1 54.4	50.3 54.7	50.3 54.7	50.6 55.0	50.6 55.0	50.7 55.1	51.5 55.9
≥ 18000 ≥ 16000		48.3 48.5	51.1 51.3	52.0 52.3	52.9 53.2	53.3 53.5	53.7 53.9	54.5 54.7	54.5 54.7	54.7 54.9	55.0 55.3	55.0 55.3	55.4 55.6	55.4 55.6	55.5 55.7	56.3 56.5
≥ 14000 ≥ 12000		49.4 50.7	52.2 53.7	53.2 54.7	54.0 55.6	54.4 55.9	54.8 56.4	55.6 57.1	55.6 57.1	55.8 57.4	56.1 57.7	56.1 57.7	56.5 58.0	56.5 58.0	56.6 58.1	57.4 58.9
≥ 10000 ≥ 9000		53.7 54.7	56.9 57.9	57.9 58.9	58.8 59.8	59.1 60.1	59.6 60.6	60.4 61.4	60.4 61.4	60.6 61.6	60.9 61.9	60.9 61.9	61.2 62.2	61.2 62.2	61.4 62.3	62.1 63.1
≥ 8000 ≥ 7000		58.7 60.0	62.0 63.6	63.0 64.6	64.0 65.7	64.5 66.2	64.9 66.7	65.8 67.7	65.8 67.8	66.0 68.0	66.3 68.3	66.3 68.3	66.7 68.7	66.7 68.8	66.8 68.9	67.6 69.7
≥ 6000 ≥ 5000		61.1 63.8	64.7 67.6	65.7 68.8	66.8 69.9	67.3 70.4	67.9 71.0	68.9 72.0	69.0 72.1	69.2 72.3	69.5 72.6	69.5 72.6	69.9 73.0	70.0 73.1	70.1 73.2	70.9 74.1
≥ 4500 ≥ 4000		65.0 66.3	68.8 70.2	70.0 71.4	71.1 72.8	71.7 73.3	72.2 74.0	73.2 75.0	73.3 75.1	73.5 75.3	73.9 75.6	73.9 75.6	74.2 76.1	74.3 76.2	74.4 76.3	75.3 77.2
≥ 3500 ≥ 3000		67.6 69.2	71.5 73.4	73.0 75.1	74.4 76.5	75.1 77.2	75.7 77.9	76.9 79.0	77.7 79.1	77.7 79.4	77.6 79.7	77.6 79.7	78.1 80.2	78.2 80.3	78.3 80.5	79.2 81.4
≥ 2500 ≥ 2000		69.9 70.5	74.1 74.9	75.7 76.6	77.3 78.2	78.0 78.8	78.6 79.6	79.7 80.7	79.8 80.8	80.2 81.2	80.5 81.5	80.5 81.5	81.0 81.9	81.1 82.1	81.3 82.3	82.2 83.2
≥ 1800 ≥ 1500		70.8 71.1	75.1 75.4	76.9 77.3	78.4 79.1	79.2 79.8	80.0 80.6	81.1 81.8	81.3 82.1	81.6 82.4	81.9 82.7	81.9 82.7	82.4 83.2	82.5 83.3	82.7 83.5	83.6 84.4
≥ 1200 ≥ 1000		72.3 73.0	77.7 78.0	78.8 79.8	81.0 82.1	81.7 82.8	82.6 83.7	83.8 84.9	84.1 85.2	84.4 85.5	84.7 85.9	84.7 85.9	85.2 86.4	85.3 86.5	85.5 86.7	86.4 87.6
≥ 900 ≥ 800		73.4 73.5	78.4 78.7	80.4 80.7	82.7 83.1	83.5 83.8	84.4 84.7	85.7 86.0	85.9 86.3	86.3 86.6	86.8 87.2	86.8 87.2	87.4 87.7	87.5 87.8	87.7 88.0	88.7 89.0
≥ 700 ≥ 600		73.8 73.9	79.3 79.6	81.3 81.6	83.7 84.3	84.6 85.2	85.5 86.4	86.9 87.8	87.2 88.0	87.5 88.4	88.0 88.9	88.0 88.9	88.6 89.5	88.7 89.6	88.9 89.8	90.8 90.8
≥ 500 ≥ 400		74.1 74.4	80.1 81.1	82.1 83.2	84.7 86.4	85.6 87.4	86.8 88.6	88.6 90.7	88.8 90.9	89.4 91.5	89.9 92.2	89.9 92.2	90.5 92.9	90.7 93.1	90.9 93.6	91.9 94.6
≥ 300 ≥ 200		74.6 74.6	81.3 81.4	83.5 83.6	86.9 87.0	88.3 88.5	89.9 90.1	92.6 92.9	92.8 93.2	93.6 94.1	94.4 95.5	94.4 95.6	95.1 96.6	95.3 97.1	95.9 97.7	97.1 99.2
≥ 100 ≥ 0		74.8 74.8	81.4 81.4	83.6 83.6	87.0 87.0	88.5 88.5	90.1 90.1	92.9 92.9	93.2 93.2	94.1 94.1	95.6 95.6	95.7 95.7	96.9 96.9	97.6 97.6	98.1 98.1	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 973

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70, 73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		50.8	51.7	51.9	52.5	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9
≥ 20000		58.2	59.4	59.6	60.3	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.7
≥ 18000		58.6	59.7	60.0	60.6	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.0
≥ 16000		58.7	60.0	60.2	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.2
≥ 14000		59.3	60.6	60.8	61.5	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.9
≥ 12000		61.8	63.2	63.4	64.0	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.5
≥ 10000		63.9	65.4	65.7	66.3	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.7
≥ 9000		65.6	67.1	67.3	67.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.4
≥ 8000		68.4	70.2	70.7	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.8
≥ 7000		70.1	71.9	72.4	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5
≥ 6000		71.0	73.2	73.7	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.8
≥ 5000		72.4	74.8	75.3	76.0	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.4
≥ 4500		73.4	75.8	76.3	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.4
≥ 4000		74.9	77.8	78.8	79.7	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.1
≥ 3500		75.1	78.0	79.0	79.9	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.4
≥ 3000		75.8	78.9	80.0	80.8	80.8	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.4
≥ 2500		76.2	79.3	80.5	81.4	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.9
≥ 2000		77.6	80.8	82.1	83.4	83.5	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.1
≥ 1800		78.3	81.6	82.9	84.3	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	85.0
≥ 1500		79.0	82.5	83.9	85.4	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.2
≥ 1200		79.5	83.3	84.8	86.4	86.8	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.6
≥ 1000		80.3	84.2	85.8	87.4	87.7	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.8
≥ 900		80.4	84.6	86.3	87.9	88.3	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.5
≥ 800		80.7	85.1	87.1	88.8	89.1	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.4
≥ 700		81.3	86.0	88.2	90.2	90.5	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.9	92.0
≥ 600		81.4	86.2	88.4	90.5	91.0	91.7	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.7	92.8
≥ 500		81.6	86.5	88.8	91.4	91.9	93.2	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.6	94.7
≥ 400		82.0	87.2	89.6	92.6	93.1	94.5	95.5	95.8	96.1	96.2	96.2	96.2	96.3	96.6	96.7
≥ 300		82.2	87.4	90.0	93.0	93.6	95.0	96.2	96.7	97.2	97.5	97.5	97.7	98.0	98.0	98.2
≥ 200		82.2	87.4	90.0	93.0	93.8	95.2	96.4	97.0	97.8	98.4	98.4	99.1	99.4	99.5	99.7
≥ 100		82.2	87.4	90.0	93.0	93.8	95.2	96.4	97.0	97.8	98.4	98.4	99.2	99.5	99.6	99.9
≥ 0		82.2	87.4	90.0	93.0	93.8	95.2	96.4	97.0	97.8	98.4	98.4	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING		54.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000		63.2	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000		63.7	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000		63.7	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000		64.7	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000		66.6	67.2	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000		69.2	69.9	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 9000		70.2	71.0	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000		72.9	73.7	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000		74.4	75.5	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000		75.4	76.6	77.5	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000		76.5	77.6	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500		77.1	78.4	79.5	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000		79.6	81.2	82.3	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500		80.1	81.8	82.9	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000		81.8	83.5	84.6	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500		82.5	84.5	85.6	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000		84.4	86.7	87.7	88.4	88.4	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800		84.8	87.1	88.2	88.8	88.8	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500		85.1	87.4	88.5	89.1	89.4	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200		86.1	88.7	89.8	90.9	91.1	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000		87.1	90.0	91.3	92.4	92.6	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900		87.4	90.5	91.9	93.0	93.2	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800		88.0	91.3	92.9	94.0	94.2	95.1	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700		88.1	91.5	93.5	94.8	95.1	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600		88.3	91.7	93.8	95.2	95.6	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 500		88.3	91.9	94.4	96.7	97.2	98.3	98.8	98.8	98.9	99.1	99.1	99.1	99.4	99.4	99.4
≥ 400		88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6
≥ 300		88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.1	99.4	99.4	99.6	99.6	99.9	99.9	99.9
≥ 200		88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100		88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0		88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		54.0	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000		64.3	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000		64.7	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000		65.7	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000		67.8	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000		70.4	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000		71.5	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000		74.0	74.9	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000		76.2	77.3	78.1	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000		77.0	78.3	79.0	79.5	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000		78.6	80.1	80.9	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500		78.8	80.4	81.2	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000		80.6	82.4	83.1	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500		81.6	83.4	84.3	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000		83.3	85.4	86.5	87.6	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500		83.8	85.9	87.0	88.3	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000		84.8	87.2	88.4	89.8	89.9	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800		85.2	87.5	88.7	90.1	90.2	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500		85.8	88.2	89.4	90.9	91.0	91.4	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200		86.9	89.2	90.5	92.2	92.3	92.9	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000		87.5	89.9	91.7	93.3	93.4	94.1	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900		87.8	90.4	92.3	94.0	94.1	94.8	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800		88.0	90.6	92.5	94.2	94.3	95.1	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700		88.3	91.0	93.1	94.9	95.1	96.0	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600		88.8	91.7	93.9	95.7	95.8	96.9	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500		88.8	91.7	94.0	96.0	96.2	97.4	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		88.9	91.8	94.1	96.1	96.3	97.5	98.3	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4
≥ 300		88.9	91.8	94.1	96.1	96.3	97.6	98.4	98.8	99.0	99.4	99.4	99.6	99.6	99.7	99.8
≥ 200		88.9	91.8	94.1	96.1	96.3	97.6	98.4	98.9	99.1	99.5	99.5	99.7	99.7	99.9	100.0
≥ 100		88.9	91.8	94.1	96.1	96.3	97.6	98.4	98.9	99.1	99.5	99.5	99.7	99.7	99.9	100.0
≥ 0		88.9	91.8	94.1	96.1	96.3	97.6	98.4	98.9	99.1	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		55.3	56.6	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000		62.8	64.4	64.8	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 16000		63.1	64.7	65.2	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 14000		63.3	64.9	65.4	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 12000		64.8	66.5	66.9	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 10000		66.5	68.1	68.5	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 9000		68.4	70.0	70.4	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 8000		69.1	71.0	71.4	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 7000		71.6	73.4	73.9	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 6000		73.5	75.5	76.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 5000		74.6	76.7	77.4	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 4500		77.7	80.1	81.1	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 4000		78.1	80.4	81.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 3500		79.5	82.2	83.3	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 3000		79.8	82.5	83.7	84.8	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2500		80.6	83.4	84.8	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000		81.3	84.1	85.5	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1800		81.6	84.6	86.2	87.7	88.2	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1500		81.7	84.7	86.3	87.8	88.3	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1200		82.0	85.1	86.7	88.2	88.6	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1000		82.3	85.3	87.0	88.7	89.1	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 900		83.9	87.1	88.8	90.6	91.1	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 800		84.3	88.0	89.7	91.6	92.2	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 700		84.5	88.3	90.2	92.2	92.7	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 600		85.1	89.1	91.2	93.1	93.7	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 500		85.1	89.2	91.4	93.3	93.9	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 400		85.3	89.7	91.9	94.1	94.6	96.1	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 300		85.3	89.8	92.2	94.4	95.2	96.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 200		85.5	90.0	92.4	94.6	95.4	96.9	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 100		85.5	90.0	92.4	94.6	95.4	96.9	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 0		85.5	90.0	92.4	94.6	95.4	96.9	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ ¼	≥ 0
NO CEILING		58.1	59.7	59.7	60.1	60.3	60.3	60.5	60.6	60.7	61.1	61.1	61.2	61.2	61.3	61.3
≥ 20000		63.3	65.4	65.4	65.7	66.0	66.0	66.2	66.3	66.4	66.7	66.7	66.9	66.9	67.0	67.0
≥ 18000		63.7	65.9	65.9	66.2	66.4	66.4	66.6	66.7	66.9	67.2	67.2	67.3	67.3	67.4	67.4
≥ 16000		64.1	66.2	66.2	66.5	66.7	66.7	67.0	67.1	67.2	67.5	67.5	67.6	67.6	67.7	67.7
≥ 14000		65.0	67.2	67.2	67.5	67.7	67.7	68.0	68.1	68.3	68.6	68.6	68.7	68.7	68.9	68.9
≥ 12000		66.7	69.0	69.0	69.3	69.5	69.5	69.7	69.9	70.1	70.4	70.4	70.5	70.5	70.6	70.6
≥ 10000		67.4	69.6	69.6	70.0	70.2	70.2	70.4	70.5	70.7	71.1	71.1	71.2	71.2	71.3	71.3
≥ 9000		67.4	69.6	69.6	70.0	70.2	70.2	70.4	70.5	70.7	71.1	71.1	71.2	71.2	71.3	71.3
≥ 8000		69.6	72.2	72.2	72.6	72.9	72.9	73.1	73.2	73.4	73.7	73.7	73.9	73.9	74.0	74.0
≥ 7000		71.0	73.6	73.6	74.5	75.0	75.0	75.2	75.3	75.5	75.9	75.9	76.0	76.0	76.1	76.1
≥ 6000		72.3	75.4	75.8	76.6	77.1	77.1	77.3	77.4	77.6	78.0	78.0	78.1	78.1	78.2	78.2
≥ 5000		74.6	77.9	78.2	79.1	79.5	79.5	79.8	79.9	80.1	80.4	80.4	80.5	80.5	80.6	80.6
≥ 4500		75.2	78.5	78.9	79.8	80.2	80.2	80.4	80.5	80.8	81.1	81.1	81.2	81.2	81.3	81.3
≥ 4000		76.9	80.5	81.1	82.1	82.5	82.6	82.9	83.0	83.3	83.6	83.6	83.8	83.8	83.9	83.9
≥ 3500		77.6	81.4	82.0	83.0	83.4	83.5	83.8	83.9	84.2	84.6	84.6	84.8	84.8	84.9	84.9
≥ 3000		78.3	82.2	82.8	83.8	84.2	84.3	84.5	84.6	85.1	85.5	85.5	85.7	85.7	85.8	85.8
≥ 2500		79.3	83.2	83.8	84.8	85.2	85.3	85.5	85.7	86.1	86.5	86.5	86.7	86.7	86.8	86.8
≥ 2000		80.0	84.1	84.9	85.9	86.4	86.5	86.8	86.9	87.3	87.8	87.8	87.9	87.9	88.1	88.1
≥ 1800		80.3	84.4	85.3	86.3	86.9	87.0	87.3	87.4	87.9	88.3	88.3	88.4	88.4	88.7	88.7
≥ 1500		80.8	85.2	86.3	87.5	88.1	88.2	88.5	88.7	89.1	89.5	89.5	89.7	89.7	89.9	89.9
≥ 1200		80.8	85.3	86.4	87.7	88.3	88.4	88.8	88.9	89.3	89.8	89.8	89.9	89.9	90.1	90.1
≥ 1000		81.5	86.4	87.5	89.0	89.7	89.8	90.1	90.2	90.7	91.1	91.1	91.2	91.2	91.4	91.4
≥ 900		81.6	86.5	87.7	89.1	89.8	89.9	90.2	90.3	90.8	91.2	91.2	91.3	91.3	91.5	91.5
≥ 800		82.2	87.3	88.5	90.0	90.7	90.8	91.1	91.2	91.7	92.1	92.1	92.2	92.2	92.4	92.4
≥ 700		82.9	88.3	89.8	91.5	92.2	92.4	92.8	92.9	93.3	93.8	93.8	93.9	93.9	94.1	94.1
≥ 600		83.1	88.8	90.2	92.0	92.8	93.1	93.4	93.5	94.0	94.4	94.4	94.5	94.5	94.8	94.8
≥ 500		83.4	89.3	90.9	92.9	93.7	94.1	94.4	94.7	95.1	95.6	95.6	95.7	95.7	95.9	95.9
≥ 400		83.4	89.3	91.2	93.8	94.5	95.1	95.7	95.9	96.3	96.8	96.8	97.0	97.0	97.3	97.3
≥ 300		83.4	89.3	91.3	94.0	94.8	95.7	96.4	96.7	97.3	97.8	97.8	98.0	98.1	98.4	98.6
≥ 200		83.4	89.3	91.3	94.0	94.8	95.7	96.4	96.8	97.6	98.0	98.0	98.3	98.4	98.8	99.0
≥ 100		83.4	89.3	91.3	94.0	94.8	95.8	96.6	96.9	97.8	98.2	98.2	98.6	98.7	99.1	99.9
≥ 0		83.4	89.3	91.3	94.0	94.8	95.8	96.6	96.9	97.8	98.2	98.2	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAP

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		52.5	53.7	54.1	54.4	54.5	54.6	54.8	54.9	54.9	55.0	55.0	55.1	55.1	55.2	55.5
≥ 20000		59.4	60.9	61.3	61.6	61.7	61.9	62.1	62.2	62.2	62.3	62.3	62.4	62.4	62.5	62.9
≥ 18000		59.8	61.3	61.8	62.1	62.2	62.4	62.6	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.3
≥ 16000		60.0	61.5	62.0	62.3	62.4	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.2	63.6
≥ 14000		61.0	62.6	63.0	63.3	63.4	63.6	63.8	63.9	63.9	64.0	64.0	64.1	64.2	64.3	64.6
≥ 12000		62.8	64.5	65.0	65.3	65.4	65.6	65.8	65.9	65.9	66.0	66.0	66.1	66.2	66.3	66.6
≥ 10000		65.2	66.9	67.4	67.8	67.9	68.1	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.7	69.0
≥ 9000		66.0	67.8	68.3	68.7	68.8	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.5	69.6	69.9
≥ 8000		68.6	70.6	71.2	71.7	71.8	72.0	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.6	73.0
≥ 7000		70.1	72.2	72.8	73.5	73.6	73.8	74.1	74.1	74.2	74.3	74.3	74.4	74.5	74.6	74.9
≥ 6000		71.1	73.4	74.1	74.8	74.9	75.1	75.4	75.5	75.5	75.6	75.6	75.7	75.8	75.9	76.2
≥ 5000		73.2	75.6	76.4	77.1	77.3	77.5	77.8	77.8	77.9	78.0	78.0	78.1	78.2	78.3	78.6
≥ 4500		73.9	76.4	77.2	77.9	78.0	78.3	78.5	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.3
≥ 4000		75.6	78.4	79.4	80.2	80.4	80.7	81.0	81.0	81.1	81.2	81.2	81.3	81.4	81.5	81.8
≥ 3500		76.3	79.2	80.2	81.0	81.2	81.5	81.8	81.9	82.0	82.1	82.1	82.2	82.2	82.3	82.7
≥ 3000		77.6	80.6	81.8	82.7	82.9	83.2	83.5	83.6	83.7	83.8	83.8	84.0	84.0	84.1	84.4
≥ 2500		78.2	81.4	82.5	83.5	83.7	84.1	84.3	84.4	84.6	84.7	84.7	84.8	84.8	84.9	85.3
≥ 2000		79.3	82.8	84.1	85.2	85.6	86.0	86.4	86.5	86.6	86.7	86.7	86.9	86.9	87.0	87.3
≥ 1800		79.6	83.1	84.4	85.5	85.9	86.4	86.7	86.9	87.0	87.1	87.1	87.2	87.3	87.4	87.7
≥ 1500		80.3	83.8	85.1	86.4	86.8	87.3	87.7	87.8	88.0	88.1	88.1	88.2	88.2	88.4	88.7
≥ 1200		81.0	84.6	86.1	87.5	88.0	88.6	89.1	89.2	89.3	89.5	89.5	89.6	89.6	89.8	90.1
≥ 1000		81.8	85.7	87.2	88.8	89.3	90.0	90.5	90.6	90.7	90.9	90.9	91.0	91.0	91.2	91.5
≥ 900		82.1	86.1	87.7	89.3	89.8	90.5	91.0	91.1	91.3	91.4	91.4	91.6	91.6	91.8	92.1
≥ 800		82.4	86.5	88.2	89.9	90.4	91.1	91.6	91.8	91.9	92.1	92.1	92.2	92.3	92.4	92.7
≥ 700		82.8	87.1	89.1	90.9	91.4	92.2	92.7	92.9	93.0	93.2	93.2	93.3	93.4	93.5	93.9
≥ 600		82.9	87.4	89.4	91.3	91.9	92.8	93.4	93.5	93.7	93.9	93.9	94.0	94.1	94.2	94.6
≥ 500		83.1	87.7	89.8	92.0	92.7	93.7	94.5	94.7	94.9	95.1	95.1	95.3	95.3	95.5	95.8
≥ 400		83.2	88.1	90.4	92.9	93.5	94.7	95.7	96.0	96.2	96.5	96.5	96.8	96.8	97.0	97.4
≥ 300		83.3	88.2	90.6	93.2	94.0	95.3	96.5	96.8	97.2	97.5	97.6	97.8	97.9	98.2	98.7
≥ 200		83.3	88.2	90.6	93.3	94.1	95.4	96.7	97.1	97.6	98.1	98.1	98.5	98.6	99.0	99.5
≥ 100		83.3	88.2	90.6	93.3	94.1	95.5	96.8	97.1	97.6	98.1	98.1	98.6	98.8	99.2	99.9
≥ 0		83.3	88.2	90.6	93.3	94.1	95.5	96.8	97.1	97.6	98.1	98.1	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

7050

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000		67.3	68.4	69.3	69.6	70.0	70.5	70.8	70.8	70.9	71.0	71.0	71.5	71.5	71.5	71.5
		71.7	72.7	73.8	74.2	74.6	75.1	75.4	75.4	75.5	75.6	75.6	76.2	76.2	76.2	76.2
≥ 18000 IV 16000		72.1	73.1	74.2	74.7	75.1	75.6	75.9	75.9	76.0	76.2	76.2	76.7	76.7	76.7	76.7
		72.2	73.3	74.3	74.8	75.2	75.8	76.0	76.0	76.2	76.3	76.3	76.8	76.8	76.8	76.8
IV 14000 IV 12000		72.3	73.4	74.4	75.0	75.4	75.9	76.2	76.2	76.3	76.4	76.4	76.9	76.9	76.9	76.9
		74.4	75.6	76.7	77.2	77.6	78.1	78.4	78.4	78.5	78.7	78.7	79.2	79.2	79.2	79.2
IV 10000 IV 9000		78.0	79.2	80.2	80.8	81.2	81.7	81.9	81.9	82.1	82.2	82.2	82.7	82.7	82.7	82.7
		78.1	79.3	80.4	80.9	81.3	81.8	82.1	82.1	82.2	82.3	82.3	82.9	82.9	82.9	82.9
IV 8000 IV 7000		79.1	80.2	81.4	81.9	82.3	82.9	83.1	83.1	83.3	83.4	83.4	83.9	83.9	83.9	83.9
		80.1	81.3	82.5	83.1	83.5	84.1	84.3	84.3	84.5	84.6	84.6	85.1	85.1	85.1	85.1
IV 6000 IV 5000		81.3	82.2	83.4	84.1	84.5	85.0	85.2	85.2	85.4	85.5	85.5	86.0	86.0	86.0	86.0
		82.2	83.4	84.6	85.2	85.6	86.2	86.4	86.4	86.6	86.7	86.7	87.2	87.2	87.2	87.2
IV 4500 IV 4000		82.3	83.5	84.7	85.4	85.8	86.3	86.6	86.6	86.7	86.8	86.8	87.4	87.4	87.4	87.4
		83.9	85.1	86.3	87.0	87.4	87.9	88.1	88.1	88.3	88.4	88.4	88.9	88.9	88.9	88.9
IV 3500 IV 3000		84.5	85.6	86.8	87.6	88.0	88.5	88.8	88.8	88.9	89.1	89.1	89.6	89.6	89.6	89.6
		85.2	86.4	87.6	88.4	88.8	89.3	89.6	89.6	89.7	89.9	89.9	90.4	90.4	90.4	90.4
IV 2500 IV 2000		85.9	87.1	88.4	89.2	89.6	90.1	90.4	90.4	90.5	90.6	90.6	91.2	91.2	91.2	91.2
		87.7	88.9	90.3	91.2	91.6	92.2	92.5	92.5	92.6	92.8	92.8	93.3	93.3	93.3	93.3
IV 1800 IV 1500		87.7	88.9	90.3	91.2	91.6	92.2	92.5	92.5	92.6	92.8	92.8	93.3	93.3	93.3	93.3
		88.5	89.9	91.2	92.1	92.5	93.1	93.4	93.4	93.5	93.7	93.7	94.2	94.2	94.2	94.2
IV 1200 IV 1000		90.1	91.7	93.0	93.9	94.3	95.0	95.3	95.3	95.4	95.5	95.5	96.0	96.0	96.0	96.0
		90.4	92.0	93.4	94.3	94.7	95.5	95.8	95.8	95.9	96.0	96.0	96.6	96.6	96.6	96.6
IV 900 IV 800		90.5	92.1	93.9	94.9	95.3	96.0	96.3	96.3	96.4	96.6	96.6	97.1	97.1	97.1	97.1
		90.6	92.4	94.3	95.3	95.7	96.4	96.7	96.7	96.8	97.0	97.0	97.5	97.5	97.5	97.5
IV 700 IV 600		90.6	92.5	94.5	95.4	95.8	96.7	97.1	97.1	97.2	97.4	97.4	97.9	97.9	97.9	97.9
		90.8	92.8	94.7	95.8	96.2	97.1	97.5	97.5	97.6	97.8	97.8	98.3	98.3	98.3	98.3
IV 500 IV 400		90.8	92.8	94.7	95.8	96.3	97.2	97.6	97.6	97.8	97.9	97.9	98.4	98.4	98.4	98.4
		90.8	92.8	94.7	95.8	96.3	97.2	97.6	97.6	97.8	97.9	97.9	98.4	98.4	98.4	98.4
IV 300 IV 200		90.9	92.9	94.9	96.0	96.7	97.8	98.3	98.3	98.4	98.6	98.6	99.1	99.1	99.1	99.1
		90.9	92.9	94.9	96.2	96.8	97.9	98.7	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.5
IV 100 IV 0		90.9	92.9	94.9	96.2	96.8	97.9	98.7	98.7	98.8	99.1	99.1	99.6	99.6	99.6	99.6
		90.9	92.9	94.9	96.2	96.8	97.9	98.7	98.7	98.8	99.1	99.1	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		63.0	66.0	67.3	67.7	68.1	68.6	68.9	68.9	69.0	69.1	69.1	69.4	69.4	69.5	69.9
≥ 20000		67.0	69.9	71.7	72.2	72.6	73.4	73.6	73.6	73.8	73.9	73.9	74.2	74.2	74.3	74.7
≥ 18000		67.3	70.2	71.9	72.5	72.8	73.6	73.9	73.9	74.2	74.3	74.3	74.6	74.6	74.7	75.1
≥ 16000		67.5	70.5	72.2	72.7	73.1	73.9	74.2	74.2	74.4	74.6	74.6	74.8	74.8	75.0	75.4
≥ 14000		67.9	70.9	72.6	73.1	73.5	74.3	74.6	74.6	74.8	75.0	75.0	75.2	75.2	75.4	75.8
≥ 12000		68.6	71.5	73.2	73.8	74.2	75.0	75.2	75.2	75.5	75.6	75.6	75.9	75.9	76.0	76.4
≥ 10000		70.1	73.0	74.7	75.2	75.6	76.4	76.7	76.7	77.0	77.1	77.1	77.4	77.4	77.5	77.9
≥ 9000		70.5	73.4	75.1	75.6	76.0	76.8	77.1	77.1	77.4	77.5	77.5	77.7	77.7	77.9	78.3
≥ 8000		71.4	74.4	76.2	76.7	77.1	77.9	78.1	78.1	78.4	78.5	78.5	78.8	78.8	78.9	79.3
≥ 7000		72.7	75.8	77.5	78.0	78.4	79.2	79.5	79.5	79.7	79.9	79.9	80.1	80.1	80.3	80.7
≥ 6000		74.7	77.7	79.5	80.0	80.4	81.2	81.5	81.5	81.7	81.9	81.9	82.1	82.1	82.3	82.6
≥ 5000		76.6	79.9	81.6	82.1	82.5	83.3	83.6	83.6	83.8	84.1	84.1	84.4	84.4	84.5	84.9
≥ 4500		76.8	80.1	81.9	82.4	82.8	83.6	83.8	83.8	84.1	84.4	84.4	84.6	84.6	84.8	85.2
≥ 4000		78.7	82.1	84.0	84.5	84.9	85.7	86.0	86.0	86.2	86.5	86.5	86.8	86.8	86.9	87.3
≥ 3500		79.3	82.8	84.6	85.2	85.6	86.4	86.6	86.6	86.9	87.2	87.2	87.4	87.4	87.5	87.9
≥ 3000		80.8	84.4	86.2	86.8	87.2	87.9	88.2	88.2	88.5	88.7	88.7	89.0	89.0	89.1	89.5
≥ 2500		81.3	85.0	86.9	87.4	87.8	88.6	88.9	88.9	89.1	89.4	89.4	89.7	89.7	89.8	90.2
≥ 2000		82.9	86.8	88.6	89.1	89.5	90.3	90.6	90.6	90.9	91.1	91.1	91.4	91.4	91.5	91.9
≥ 1800		83.0	86.9	88.7	89.3	89.7	90.5	90.7	90.7	91.0	91.3	91.3	91.5	91.5	91.7	92.1
≥ 1500		83.3	87.3	89.3	89.8	90.2	91.0	91.3	91.3	91.5	91.8	91.8	92.1	92.1	92.2	92.6
≥ 1200		85.3	89.4	91.4	91.9	92.3	93.1	93.4	93.4	93.6	93.9	93.9	94.2	94.2	94.3	94.7
≥ 1000		85.6	89.7	91.7	92.2	92.6	93.4	93.6	93.6	93.9	94.2	94.2	94.4	94.4	94.6	95.0
≥ 900		85.6	89.8	91.9	92.5	92.8	93.6	93.9	93.9	94.2	94.4	94.4	94.7	94.7	94.8	95.2
≥ 800		86.0	90.2	92.3	92.8	93.2	94.0	94.3	94.3	94.6	94.8	94.8	95.1	95.1	95.4	95.8
≥ 700		86.2	90.5	92.6	93.1	93.5	94.3	94.6	94.6	94.8	95.1	95.1	95.4	95.4	95.6	96.0
≥ 600		86.6	90.9	93.0	93.6	94.0	94.8	95.1	95.1	95.4	95.6	95.6	95.9	95.9	96.2	96.6
≥ 500		86.6	91.1	93.4	94.1	94.7	95.5	95.8	95.8	96.0	96.3	96.3	96.6	96.6	96.8	97.2
≥ 400		86.8	91.3	93.5	94.6	95.1	95.9	96.2	96.2	96.4	96.7	96.7	97.0	97.0	97.2	97.6
≥ 300		86.9	91.5	93.8	95.1	95.6	96.4	96.7	96.7	97.1	97.5	97.5	97.7	97.9	98.3	98.7
≥ 200		86.9	91.5	93.9	95.2	95.8	96.6	96.8	96.8	97.2	97.7	97.7	98.0	98.1	98.5	99.1
≥ 100		86.9	91.5	93.9	95.2	95.8	96.6	96.8	96.8	97.2	98.1	98.1	98.4	98.5	98.9	99.7
≥ 0		86.9	91.5	93.9	95.2	95.8	96.6	96.8	96.8	97.2	98.1	98.1	98.4	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		53.1	57.3	58.8	60.1	60.3	60.9	61.0	61.0	61.3	61.6	61.6	62.3	62.3	62.3	62.3
≥ 20000		60.9	65.7	68.1	69.8	70.1	70.7	70.8	70.8	71.0	71.4	71.5	72.2	72.3	72.3	72.3
≥ 18000		61.1	66.0	68.5	70.2	70.6	71.1	71.3	71.3	71.5	71.8	71.9	72.6	72.7	72.7	73.0
≥ 16000		61.5	66.4	68.9	70.6	70.9	71.5	71.6	71.6	71.8	72.2	72.3	73.0	73.1	73.1	73.3
≥ 14000		62.3	67.4	69.9	71.6	71.9	72.6	72.7	72.7	73.0	73.3	73.4	74.1	74.2	74.2	74.4
≥ 12000		63.2	68.4	70.9	72.6	73.0	73.6	73.8	73.8	74.3	74.3	74.4	75.1	75.2	75.2	75.5
≥ 10000		65.5	70.8	73.4	75.1	75.5	76.3	76.4	76.4	76.6	76.9	77.0	77.7	77.8	77.8	78.0
≥ 9000		66.0	71.4	74.0	75.7	76.0	76.8	76.9	76.9	77.2	77.5	77.6	78.3	78.4	78.4	78.8
≥ 8000		68.1	73.6	76.3	78.0	78.3	79.1	79.2	79.2	79.4	79.9	80.0	80.7	80.8	80.8	81.1
≥ 7000		69.3	75.1	77.7	79.4	79.8	80.6	80.7	80.7	80.9	81.4	81.5	82.2	82.3	82.3	82.6
≥ 6000		70.8	76.7	79.4	81.1	81.5	82.3	82.4	82.4	82.6	83.1	83.2	83.9	84.0	84.0	84.4
≥ 5000		72.2	78.3	81.3	83.1	83.4	84.2	84.3	84.4	84.7	85.1	85.2	85.9	86.0	86.0	86.4
≥ 4500		72.4	78.6	81.6	83.4	83.8	84.5	84.7	84.8	85.0	85.5	85.6	86.3	86.4	86.4	86.8
≥ 4000		73.2	80.1	83.4	85.3	85.7	86.5	86.6	86.7	86.9	87.6	87.7	88.4	88.5	88.5	88.8
≥ 3500		73.9	80.8	84.1	86.0	86.4	87.2	87.3	87.4	87.6	88.3	88.4	89.1	89.2	89.2	89.5
≥ 3000		74.7	81.7	85.0	87.0	87.4	88.2	88.3	88.4	88.6	89.3	89.4	90.1	90.2	90.2	90.5
≥ 2500		75.5	82.5	85.9	88.1	88.4	89.2	89.4	89.5	89.8	90.5	90.6	91.3	91.4	91.4	91.7
≥ 2000		77.0	84.1	87.5	89.9	90.2	91.0	91.3	91.4	91.6	92.3	92.4	93.1	93.2	93.2	93.5
≥ 1800		77.5	84.7	88.1	90.5	90.8	91.6	91.8	91.9	92.2	92.8	93.0	93.6	93.8	93.8	94.1
≥ 1500		77.7	85.0	88.4	90.8	91.1	91.9	92.2	92.3	92.5	93.2	93.3	94.0	94.1	94.1	94.4
≥ 1200		78.5	85.8	89.4	91.9	92.3	93.1	93.3	93.4	93.6	94.3	94.4	95.1	95.2	95.2	95.5
≥ 1000		78.9	86.1	89.8	92.3	92.6	93.4	93.6	93.8	94.1	94.8	94.9	95.6	95.7	95.7	96.0
≥ 900		78.9	86.1	89.8	92.3	92.6	93.4	93.6	93.8	94.1	94.8	94.9	95.6	95.7	95.7	96.0
≥ 800		79.1	86.5	90.2	92.7	93.1	93.9	94.1	94.2	94.5	95.2	95.3	96.0	96.1	96.1	96.4
≥ 700		79.3	86.9	90.7	93.2	93.5	94.3	94.5	94.7	95.0	95.7	95.8	96.5	96.6	96.6	96.9
≥ 600		79.3	86.9	90.9	93.5	94.0	94.8	95.0	95.1	95.6	96.3	96.4	97.0	97.2	97.3	97.6
≥ 500		79.4	87.0	91.0	93.8	94.2	95.0	95.3	95.5	95.9	96.6	96.7	97.4	97.5	97.5	97.8
≥ 400		79.4	87.0	91.5	94.2	94.7	95.5	95.8	95.9	96.4	97.0	97.2	97.8	98.0	98.1	98.4
≥ 300		79.4	87.0	91.5	94.3	94.9	95.8	96.3	96.4	96.8	97.5	97.6	98.4	98.5	98.6	98.9
≥ 200		79.4	87.0	91.5	94.3	94.9	95.8	96.3	96.4	97.0	97.7	97.8	98.6	98.8	98.9	99.2
≥ 100		79.4	87.0	91.5	94.3	94.9	95.8	96.3	96.4	97.0	97.7	97.8	98.9	99.0	99.2	99.5
≥ 0		79.4	87.0	91.5	94.3	94.9	95.8	96.3	96.4	97.0	97.7	97.8	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 88

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1977

MYRTLE BEACH AFB SC

69-70, 73-80

APF

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1
HOURS (L)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	
NO CEILING		63.9	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	6
≥ 20000		74.7	75.3	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	7
≥ 18000		75.1	75.7	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	7
≥ 16000		75.4	76.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	7
≥ 14000		76.0	76.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	7
≥ 12000		77.4	78.1	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	7
≥ 10000		80.6	81.6	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	8
≥ 9500		81.9	82.9	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	8
≥ 8000		83.6	84.7	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	6
≥ 7000		84.4	85.6	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	8
≥ 6000		85.3	86.6	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	8
≥ 5000		85.8	87.4	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	8
≥ 4500		86.3	87.8	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	8
≥ 4000		87.1	88.6	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	8
≥ 3500		87.8	89.4	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	9
≥ 3000		89.0	90.6	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	9
≥ 2500		89.3	91.0	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	9
≥ 2000		90.5	92.3	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	9
≥ 1800		91.5	93.3	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	9
≥ 1500		92.5	94.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	9
≥ 1200		93.3	95.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	9
≥ 1000		93.8	95.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	9
≥ 900		93.8	95.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	9
≥ 800		93.8	95.8	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	9
≥ 700		93.9	95.9	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	9
≥ 600		93.9	96.0	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	9
≥ 500		94.0	96.1	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	9
≥ 400		94.0	96.1	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	9
≥ 300		94.0	96.1	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	9
≥ 200		94.0	96.1	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	9
≥ 100		94.0	96.1	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	9
≥ 0		94.0	96.1	97.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	9

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM
JUL 64

0-14-5 (OI A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A110 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/O 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA, REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81
UNCLASSIFIED USAFETAC/DS/81/080 SBI-AD-F850 124

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/8 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81

UNCLASSIFIED

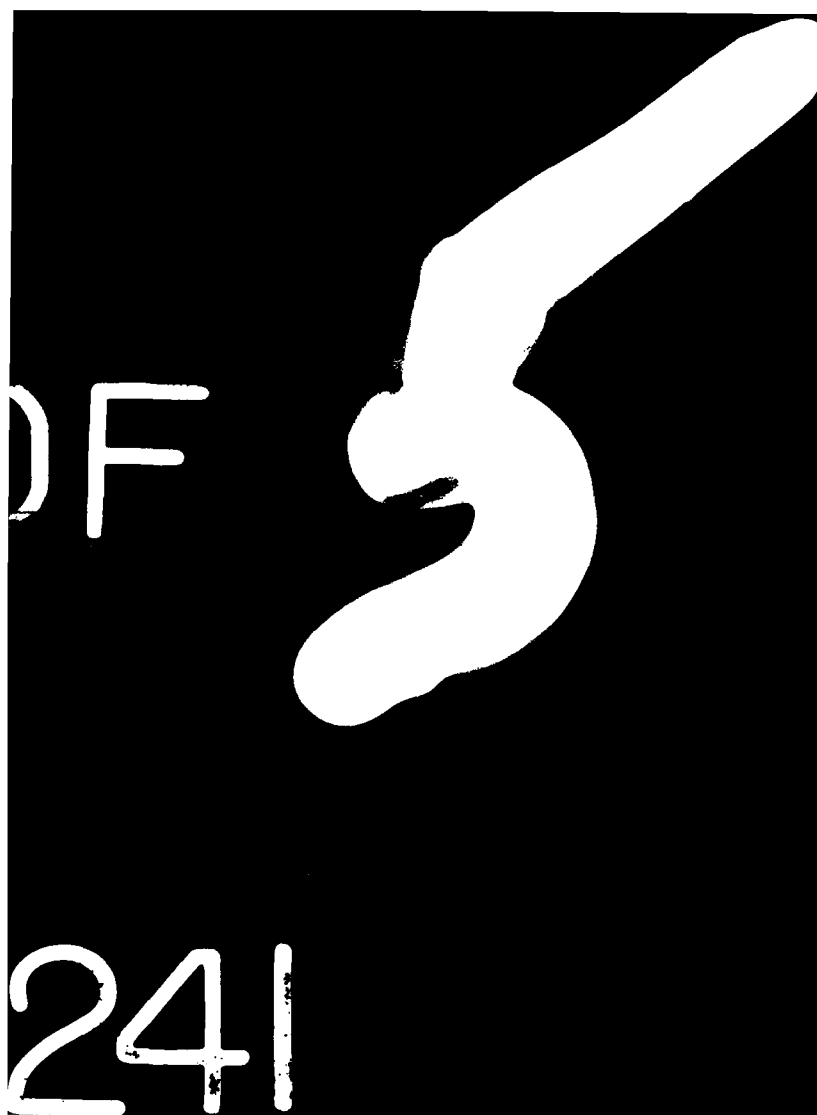
USAFETAC/DS/81/080

SBI-AO-E850 124

NL

3

2004



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000		65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000		77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000		78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000		79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000		81.2	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000		83.6	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000		84.4	84.7	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000		86.0	86.3	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000		86.6	87.1	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000		87.4	87.8	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000		88.7	89.3	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500		88.9	89.4	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000		90.2	90.7	91.0	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500		91.3	92.1	92.3	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000		92.8	93.5	93.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500		93.8	94.5	94.9	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000		95.3	96.2	96.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800		95.5	96.4	96.8	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500		96.1	97.0	97.3	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		96.4	97.3	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		96.8	97.7	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		96.8	97.8	98.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800		96.9	97.9	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		97.0	98.0	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		97.1	98.1	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.1	98.1	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.1	98.1	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.1	98.1	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.1	98.1	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17/17

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000		76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000		77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000		78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000		79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000		81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000		83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000		84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000		86.4	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000		88.1	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000		89.0	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000		90.0	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500		90.9	91.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000		92.0	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500		93.1	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000		94.1	95.2	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500		94.3	95.1	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000		95.0	96.3	96.6	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800		95.4	96.8	97.0	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500		95.6	96.9	97.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200		96.2	97.7	97.9	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		96.4	97.9	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900		96.4	97.9	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		96.6	98.0	98.2	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		96.6	98.2	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		96.6	98.2	98.7	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		96.8	98.3	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		96.8	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.8	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.8	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.8	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.8	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		65.8	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000		74.7	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000		76.2	77.0	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000		76.9	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000		78.2	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000		80.3	81.1	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000		83.0	83.9	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000		84.4	85.3	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000		85.9	86.8	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000		86.4	87.3	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000		87.2	88.1	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000		88.8	89.7	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500		89.3	90.2	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000		90.4	91.4	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500		91.0	92.1	92.9	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000		92.2	93.3	94.1	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500		93.2	94.3	95.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000		93.7	94.8	96.0	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800		93.9	95.0	96.2	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500		94.6	95.7	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200		95.1	96.3	97.7	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		95.2	96.4	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 900		95.2	96.4	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 800		95.2	96.6	97.9	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 700		95.4	96.8	98.1	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 600		95.4	96.9	98.2	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500		95.4	97.0	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400		95.4	97.0	98.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300		95.4	97.0	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200		95.4	97.0	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100		95.4	97.0	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0		95.4	97.0	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		70.3	71.0	71.1	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	72.1
≥ 20000		75.9	76.6	77.0	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.9
≥ 18000		76.4	77.2	77.7	78.0	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.6
≥ 16000		76.9	77.8	78.3	78.6	78.6	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.2
≥ 14000		77.6	78.5	79.0	79.3	79.3	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.9
≥ 12000		79.3	80.2	80.7	81.0	81.0	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6
≥ 10000		82.1	83.4	83.9	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.8
≥ 9000		82.5	83.9	84.4	84.7	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.3
≥ 8000		83.6	84.9	85.4	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.3
≥ 7000		84.1	85.7	86.2	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.1
≥ 6000		85.1	86.8	87.2	87.6	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.2
≥ 5000		86.3	88.0	88.5	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4
≥ 4500		86.7	88.4	88.9	89.2	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.8
≥ 4000		88.6	90.3	90.8	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 3500		89.8	91.5	92.0	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.9
≥ 3000		90.2	92.1	92.5	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 2500		90.7	92.5	93.0	93.3	93.3	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.9
≥ 2000		92.2	94.0	94.5	94.8	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.4
≥ 1800		93.1	94.9	95.4	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
≥ 1500		93.3	95.2	95.6	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.6
≥ 1200		94.3	96.2	96.7	97.1	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7
≥ 1000		94.3	96.2	96.7	97.1	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7
≥ 900		94.5	96.4	96.9	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.9
≥ 800		94.8	96.8	97.2	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.3
≥ 700		95.1	97.1	97.6	98.0	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7
≥ 600		95.1	97.1	97.7	98.2	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.0
≥ 500		95.1	97.1	97.7	98.2	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.0
≥ 400		95.1	97.1	97.7	98.2	98.2	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.1
≥ 300		95.3	97.4	97.9	98.4	98.4	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥ 200		95.3	97.4	97.9	98.4	98.4	98.6	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9
≥ 100		95.3	97.4	97.9	98.4	98.4	98.6	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0		95.3	97.4	97.9	98.4	98.4	98.6	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		64.1	65.3	65.9	66.2	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.9	66.9	66.9	67.1
≥ 20000		72.5	73.9	74.7	75.1	75.3	75.5	75.6	75.6	75.6	75.7	75.7	75.9	75.9	75.9	76.1
≥ 18000		73.2	74.6	75.4	75.9	76.0	76.3	76.3	76.3	76.4	76.5	76.5	76.7	76.7	76.7	76.8
≥ 16000		73.6	75.0	75.8	76.3	76.4	76.7	76.8	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.3
≥ 14000		74.3	75.8	76.7	77.1	77.3	77.5	77.6	77.6	77.7	77.8	77.8	77.9	78.0	78.0	78.1
≥ 12000		75.9	77.4	78.3	78.8	78.9	79.1	79.2	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.7
≥ 10000		78.5	80.2	81.1	81.6	81.7	82.0	82.0	82.0	82.1	82.2	82.2	82.4	82.4	82.4	82.5
≥ 9000		79.3	81.0	81.9	82.4	82.5	82.8	82.9	82.9	83.0	83.1	83.1	83.2	83.3	83.3	83.4
≥ 8000		80.7	82.5	83.4	84.0	84.1	84.4	84.5	84.5	84.6	84.6	84.7	84.8	84.8	84.9	85.0
≥ 7000		81.7	83.6	84.5	85.1	85.2	85.5	85.5	85.5	85.6	85.7	85.7	85.9	85.9	85.9	86.1
≥ 6000		82.8	84.7	85.6	86.2	86.3	86.6	86.7	86.7	86.8	86.8	86.9	87.0	87.0	87.1	87.2
≥ 5000		84.0	86.0	87.0	87.6	87.8	88.0	88.1	88.1	88.2	88.3	88.3	88.5	88.5	88.6	88.7
≥ 4500		84.4	86.4	87.4	88.0	88.2	88.4	88.5	88.5	88.6	88.7	88.7	88.9	88.9	88.9	89.0
≥ 4000		85.7	87.9	88.9	89.6	89.7	90.0	90.1	90.1	90.2	90.3	90.4	90.5	90.5	90.6	90.7
≥ 3500		86.5	88.7	89.8	90.5	90.7	91.0	91.0	91.1	91.1	91.3	91.3	91.5	91.5	91.5	91.6
≥ 3000		87.6	89.8	90.9	91.6	91.8	92.1	92.2	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.8
≥ 2500		88.2	90.5	91.6	92.4	92.6	92.9	93.0	93.0	93.1	93.2	93.2	93.4	93.4	93.4	93.5
≥ 2000		89.5	91.8	93.0	93.8	94.1	94.4	94.5	94.5	94.6	94.7	94.7	94.9	94.9	94.9	95.0
≥ 1800		89.9	92.3	93.5	94.3	94.5	94.8	94.9	94.9	95.0	95.2	95.2	95.3	95.4	95.4	95.5
≥ 1500		90.4	92.8	94.0	94.9	95.1	95.4	95.5	95.5	95.6	95.8	95.8	95.9	96.0	96.0	96.1
≥ 1200		91.3	93.8	95.1	96.0	96.3	96.6	96.7	96.7	96.8	96.9	97.0	97.1	97.2	97.2	97.3
≥ 1000		91.6	94.1	95.4	96.3	96.6	96.9	97.0	97.0	97.1	97.3	97.3	97.5	97.5	97.5	97.6
≥ 900		91.6	94.2	95.5	96.5	96.7	97.0	97.1	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.8
≥ 800		91.8	94.4	95.8	96.7	97.0	97.3	97.4	97.4	97.5	97.7	97.7	97.9	97.9	97.9	98.0
≥ 700		91.9	94.6	96.0	97.0	97.2	97.5	97.7	97.7	97.8	98.0	98.0	98.2	98.2	98.2	98.3
≥ 600		92.0	94.7	96.2	97.2	97.5	97.8	98.0	98.0	98.1	98.3	98.3	98.5	98.5	98.5	98.6
≥ 500		92.1	94.8	96.4	97.4	97.7	98.1	98.2	98.3	98.4	98.6	98.6	98.8	98.8	98.8	98.9
≥ 400		92.1	94.8	96.4	97.6	97.9	98.3	98.5	98.5	98.6	98.8	98.8	99.0	99.0	99.0	99.2
≥ 300		92.1	94.9	96.5	97.7	98.0	98.5	98.7	98.8	98.9	99.1	99.1	99.3	99.3	99.4	99.5
≥ 200		92.1	94.9	96.5	97.7	98.0	98.5	98.8	98.9	99.1	99.3	99.3	99.5	99.5	99.6	99.8
≥ 100		92.1	94.9	96.5	97.7	98.0	98.5	98.8	98.9	99.1	99.4	99.4	99.6	99.6	99.7	99.9
≥ 0		92.1	94.9	96.5	97.7	98.0	98.5	98.8	98.9	99.1	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6857

USAF ETAC FORM 0-14-2 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,75-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		61.3	64.5	65.6	66.9	67.1	68.1	68.1	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5
≥ 20000		66.4	70.0	71.2	72.6	72.7	73.8	73.8	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.2
≥ 18000		66.4	70.0	71.2	72.6	72.7	73.8	73.8	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.2
≥ 16000		66.4	70.0	71.2	72.6	72.7	73.8	73.8	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.2
≥ 14000		67.3	71.0	72.2	73.5	73.7	74.7	74.7	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.1
≥ 12000		68.8	72.4	73.7	75.0	75.1	76.2	76.2	76.2	76.3	76.5	76.5	76.6	76.6	76.6	76.6
≥ 10000		70.8	74.5	75.7	77.0	77.2	78.2	78.2	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6
≥ 9000		70.8	74.5	75.7	77.0	77.2	78.2	78.2	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6
≥ 8000		73.3	77.0	78.2	79.6	79.7	80.8	80.8	80.8	80.9	81.0	81.0	81.2	81.2	81.2	81.2
≥ 7000		73.9	77.7	78.9	80.2	80.4	81.5	81.5	81.5	81.6	81.7	81.7	81.9	81.9	81.9	81.9
≥ 6000		75.0	78.8	80.0	81.3	81.5	82.5	82.5	82.5	82.7	82.8	82.8	82.9	82.9	82.9	82.9
≥ 5000		75.8	79.6	81.2	82.7	82.8	83.9	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.3	84.3
≥ 4500		75.9	80.0	81.3	82.8	82.9	84.0	84.0	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4
≥ 4000		77.4	81.6	82.9	84.4	84.5	85.6	85.6	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0
≥ 3500		78.2	82.7	84.1	85.6	85.8	86.8	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2
≥ 3000		79.3	83.7	85.3	86.8	87.0	88.0	88.2	88.2	88.3	88.4	88.4	88.6	88.6	88.6	88.6
≥ 2500		79.6	84.1	85.8	87.2	87.4	88.4	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0
≥ 2000		80.9	86.4	88.3	89.8	89.9	91.1	91.3	91.3	91.5	91.7	91.7	91.8	91.8	91.8	91.8
≥ 1800		80.9	86.7	88.7	90.2	90.3	91.5	91.7	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1500		81.0	86.8	88.8	90.6	90.7	91.9	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1200		82.1	88.2	90.2	92.1	92.2	93.4	93.7	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1000		82.8	89.2	91.4	93.4	93.5	94.8	95.0	95.0	95.3	95.4	95.4	95.6	95.6	95.6	95.6
≥ 900		83.3	89.8	91.9	94.0	94.1	95.3	95.6	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1
≥ 800		83.9	90.3	92.7	94.9	95.0	96.2	96.5	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 700		84.8	91.7	94.2	96.4	96.5	97.7	98.0	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 600		85.2	92.1	94.9	97.2	97.3	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5
≥ 500		85.2	92.1	94.9	97.2	97.3	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5
≥ 400		85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,74-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		50.7	54.7	56.8	59.8	60.2	61.3	62.2	62.2	62.5	62.6	62.6	62.9	63.1	63.3	63.8
≥ 20000		55.5	59.9	62.5	65.5	66.0	67.0	68.0	68.0	68.2	68.4	68.4	68.6	68.9	69.2	69.7
≥ 18000		55.6	60.1	62.6	65.7	66.1	67.2	68.1	68.1	68.4	68.5	68.5	68.8	69.0	69.3	69.8
≥ 16000		55.6	60.1	62.6	65.7	66.1	67.2	68.1	68.1	68.4	68.5	68.5	68.8	69.0	69.3	69.8
≥ 14000		56.3	60.7	63.3	66.4	66.8	67.8	68.8	68.8	69.0	69.2	69.2	69.4	69.7	70.0	70.5
≥ 12000		57.2	61.7	64.2	67.3	67.7	68.8	69.7	69.7	70.0	70.1	70.1	70.4	70.6	70.9	71.4
≥ 10000		58.7	63.3	65.8	69.0	69.4	70.5	71.4	71.4	71.7	72.0	72.0	72.3	72.5	72.9	73.5
≥ 9000		59.2	63.8	66.4	69.6	70.0	71.0	72.0	72.0	72.3	72.5	72.5	72.8	73.1	73.5	74.0
≥ 8000		62.2	66.9	69.6	72.9	73.3	74.4	75.3	75.3	75.6	75.9	75.9	76.1	76.4	76.8	77.3
≥ 7000		62.6	67.7	70.4	73.7	74.1	75.2	76.1	76.1	76.4	76.7	76.7	76.9	77.2	77.6	78.2
≥ 6000		64.9	70.0	72.7	76.0	76.4	77.5	78.4	78.4	78.7	79.0	79.0	79.2	79.5	79.9	80.4
≥ 5000		66.5	71.8	74.5	77.9	78.3	79.4	80.3	80.3	80.6	80.8	80.8	81.1	81.4	81.8	82.3
≥ 4500		67.2	72.5	75.2	78.6	79.0	80.0	81.0	81.0	81.2	81.5	81.5	81.8	82.0	82.4	83.0
≥ 4000		68.5	73.9	76.9	80.6	81.0	82.0	83.0	83.0	83.2	83.5	83.5	83.8	84.0	84.5	85.0
≥ 3500		68.8	74.1	77.2	80.8	81.2	82.3	83.2	83.2	83.5	83.8	83.8	84.0	84.3	84.7	85.3
≥ 3000		70.1	75.6	79.0	82.7	83.1	84.2	85.1	85.1	85.4	85.7	85.7	85.9	86.2	86.6	87.1
≥ 2500		70.8	76.4	79.8	83.5	83.9	85.0	85.9	85.9	86.2	86.5	86.5	86.7	87.0	87.4	87.9
≥ 2000		72.5	78.2	81.9	85.7	86.1	87.1	88.1	88.1	88.3	88.6	88.6	88.9	89.1	89.5	90.1
≥ 1800		72.9	78.6	82.4	86.3	86.7	87.8	88.7	88.7	89.0	89.3	89.3	89.5	89.8	90.2	90.8
≥ 1500		73.5	79.2	83.2	87.1	87.7	88.9	89.8	89.8	90.2	90.5	90.5	90.8	91.0	91.4	92.0
≥ 1200		74.5	80.8	85.1	89.3	89.8	91.0	92.0	92.0	92.4	92.6	92.6	92.9	93.2	93.6	94.1
≥ 1000		74.7	81.1	85.5	90.1	90.8	92.2	93.2	93.2	93.6	93.8	93.8	94.1	94.4	94.8	95.3
≥ 900		74.9	81.4	86.2	90.8	91.4	92.9	93.8	93.8	94.2	94.5	94.5	94.8	95.0	95.4	96.0
≥ 800		75.6	82.2	87.0	91.7	92.4	93.8	94.8	94.8	95.2	95.4	95.4	95.7	96.0	96.4	96.9
≥ 700		75.9	82.4	87.3	92.0	92.6	94.1	95.0	95.0	95.4	95.7	95.7	96.0	96.2	96.6	97.2
≥ 600		76.1	83.0	87.6	92.5	93.2	94.6	95.6	95.6	96.0	96.2	96.2	96.5	96.8	97.2	97.7
≥ 500		76.3	83.1	87.9	92.6	93.3	94.8	95.7	95.7	96.1	96.4	96.4	96.6	96.9	97.3	97.9
≥ 400		76.5	83.5	88.6	93.3	94.0	95.6	96.5	96.5	96.9	97.2	97.2	97.5	97.7	98.1	98.7
≥ 300		76.5	83.5	88.6	93.3	94.0	95.6	96.8	96.8	97.2	97.6	97.6	97.9	98.1	98.5	99.1
≥ 200		76.5	83.6	88.7	93.4	94.1	96.1	97.2	97.2	97.6	98.1	98.1	98.4	98.7	99.1	99.7
≥ 100		76.5	83.6	88.7	93.4	94.2	96.2	97.3	97.3	97.7	98.4	98.4	98.7	98.9	99.3	100.0
≥ 0		76.5	83.6	88.7	93.4	94.2	96.2	97.3	97.3	97.7	98.4	98.4	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		45.1	51.0	55.2	57.6	57.7	58.8	59.1	59.2	59.3	59.8	59.8	60.0	60.0	60.1	60.6
≥ 20000		51.5	57.7	62.0	64.4	64.6	65.7	66.0	66.1	66.3	66.8	66.8	67.0	67.0	67.1	67.6
≥ 18000		51.6	57.8	62.1	64.5	64.7	65.8	66.1	66.2	66.5	66.9	66.9	67.1	67.1	67.2	67.7
≥ 16000		51.7	57.9	62.2	64.6	64.8	65.9	66.2	66.3	66.6	67.0	67.0	67.2	67.2	67.3	67.9
≥ 14000		53.3	59.5	63.9	66.2	66.5	67.5	67.9	68.0	68.2	68.6	68.6	68.8	68.8	68.9	69.5
≥ 12000		54.7	61.2	65.6	68.0	68.2	69.4	69.7	69.8	70.0	70.4	70.4	70.7	70.7	70.8	71.3
≥ 10000		58.3	65.2	69.9	72.4	72.6	73.9	74.2	74.3	74.5	75.0	75.0	75.2	75.2	75.3	75.8
≥ 9000		59.0	65.9	70.7	73.1	73.4	74.6	75.0	75.1	75.3	75.7	75.7	75.9	75.9	76.1	76.6
≥ 8000		61.2	68.1	72.8	75.3	75.5	76.9	77.2	77.3	77.6	78.0	78.0	78.2	78.2	78.3	78.9
≥ 7000		62.5	69.5	74.2	76.7	76.9	78.3	78.6	78.7	79.0	79.4	79.4	79.6	79.6	79.7	80.3
≥ 6000		64.1	71.4	76.2	78.6	78.9	80.3	80.6	80.7	80.9	81.3	81.3	81.6	81.6	81.7	82.2
≥ 5000		64.5	72.3	77.0	79.6	79.8	81.3	81.7	81.8	82.0	82.4	82.4	82.6	82.6	82.7	83.3
≥ 4500		65.8	73.4	78.1	80.7	80.9	82.4	82.7	82.8	83.1	83.5	83.5	83.7	83.7	83.8	84.4
≥ 4000		66.6	74.2	79.0	81.6	81.8	83.3	83.6	83.7	83.9	84.4	84.4	84.6	84.6	84.7	85.2
≥ 3500		67.3	75.0	79.7	82.4	82.6	84.1	84.5	84.6	84.8	85.2	85.2	85.4	85.4	85.5	86.1
≥ 3000		68.0	75.6	80.5	83.4	83.6	85.2	85.5	85.7	85.9	86.3	86.3	86.5	86.5	86.6	87.2
≥ 2500		68.7	76.4	81.3	84.4	84.6	86.2	86.5	86.6	86.8	87.3	87.3	87.5	87.5	87.6	88.1
≥ 2000		70.1	78.1	83.1	86.2	86.4	88.0	88.3	88.5	88.7	89.2	89.2	89.4	89.4	89.5	90.1
≥ 1800		70.2	78.2	83.2	86.3	86.5	88.2	88.6	88.7	88.9	89.4	89.4	89.6	89.6	89.8	90.3
≥ 1500		70.7	78.9	83.8	86.9	87.2	88.9	89.2	89.3	89.5	90.1	90.1	90.3	90.3	90.4	90.9
≥ 1200		71.4	79.7	85.0	88.5	88.7	90.5	90.8	90.9	91.2	91.7	91.7	91.9	91.9	92.0	92.6
≥ 1000		71.7	80.2	85.4	88.9	89.1	91.0	91.4	91.5	91.7	92.2	92.2	92.4	92.4	92.6	93.1
≥ 900		72.1	80.5	85.9	89.3	89.5	91.6	91.9	92.0	92.2	92.8	92.8	93.0	93.0	93.1	93.6
≥ 800		72.9	81.4	86.9	90.6	90.9	93.1	93.4	93.5	93.7	94.3	94.3	94.5	94.5	94.6	95.1
≥ 700		73.0	81.7	87.2	91.2	91.6	94.0	94.3	94.5	94.7	95.3	95.3	95.5	95.5	95.6	96.1
≥ 600		73.1	82.0	87.6	91.7	92.3	94.7	95.1	95.4	95.6	96.1	96.1	96.3	96.3	96.5	97.1
≥ 500		73.2	82.4	88.0	92.3	93.2	95.6	96.1	96.3	96.5	97.1	97.1	97.3	97.3	97.5	98.1
≥ 400		73.2	82.4	88.0	92.7	93.5	96.0	96.7	96.9	97.1	97.6	97.6	97.8	97.8	98.2	98.7
≥ 300		73.2	82.5	88.2	92.9	93.9	96.4	97.1	97.3	97.5	98.1	98.1	98.3	98.3	98.6	99.1
≥ 200		73.2	82.5	88.2	92.9	93.9	96.4	97.2	97.4	97.8	98.5	98.5	98.7	98.8	99.1	99.9
≥ 100		73.2	82.5	88.2	92.9	93.9	96.4	97.3	97.5	98.0	98.6	98.6	98.8	98.9	99.2	100.0
≥ 0		73.2	82.5	88.2	92.9	93.9	96.4	97.3	97.5	98.0	98.6	98.6	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING		58.8	61.2	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000		67.1	69.6	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000		67.4	70.0	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000		67.9	70.5	70.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000		69.0	71.6	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000		70.4	73.0	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000		73.8	76.5	77.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000		74.6	77.3	77.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000		76.6	79.4	80.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 7000		78.0	80.9	81.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000		79.2	82.2	83.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000		80.6	84.0	84.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4500		81.1	84.4	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000		82.2	85.6	86.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500		83.5	87.0	87.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000		84.2	87.6	88.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500		84.5	87.9	89.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3
≥ 2000		85.7	89.6	90.7	91.7	91.9	92.1	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.5
≥ 1800		86.1	90.1	91.3	92.2	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0
≥ 1500		87.0	91.1	92.5	93.5	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1200		88.6	92.8	94.4	95.6	95.8	96.3	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7
≥ 1000		89.6	93.9	95.8	97.1	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2
≥ 900		89.9	94.2	96.1	97.5	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6
≥ 800		90.0	94.3	96.2	97.6	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8
≥ 700		90.0	94.3	96.4	98.0	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 600		90.0	94.4	96.6	98.1	98.5	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4
≥ 500		90.1	94.6	96.9	98.5	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400		90.1	94.6	96.9	98.5	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300		90.1	94.6	96.9	98.5	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200		90.1	94.6	96.9	98.5	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100		90.1	94.6	96.9	98.5	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0		90.1	94.6	96.9	98.5	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES-															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING		60.3	62.4	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000		70.8	73.1	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000		71.2	73.5	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000		71.7	74.1	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 14000		72.9	75.3	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000		74.1	76.5	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000		77.1	79.5	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000		77.4	79.8	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000		80.6	83.1	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000		82.2	84.6	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000		82.4	84.8	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000		82.9	85.4	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500		83.4	85.9	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000		85.1	87.8	88.9	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500		86.2	89.0	90.1	90.6	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000		88.0	90.9	92.2	92.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500		88.6	91.6	92.9	93.5	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000		90.2	93.4	94.7	95.6	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		90.3	93.5	94.8	95.7	95.8	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500		90.6	93.9	95.2	96.0	96.1	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200		91.2	94.4	95.8	96.8	96.9	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000		91.6	95.1	96.9	97.8	98.0	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900		91.8	95.1	97.1	98.1	98.2	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800		92.2	95.5	97.5	98.6	98.7	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		92.3	95.6	97.6	98.7	98.8	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		58.1	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000		71.1	72.9	73.2	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000		71.3	73.1	73.4	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000		71.3	73.1	73.4	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000		72.8	74.6	74.9	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000		75.4	77.2	77.5	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000		77.8	79.7	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000		78.5	80.3	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000		81.6	83.8	84.4	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000		82.8	85.2	85.8	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000		83.4	85.9	86.7	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000		84.4	87.0	87.7	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500		84.7	87.3	88.1	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000		85.7	88.4	89.4	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500		87.1	89.8	90.9	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000		89.0	91.7	92.9	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500		89.6	92.3	93.4	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000		90.0	92.7	93.9	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800		90.0	92.7	93.9	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500		90.1	93.0	94.2	95.1	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		91.7	95.1	96.2	97.2	97.3	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000		92.3	95.6	96.8	97.8	98.1	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900		92.5	95.8	97.0	98.1	98.3	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		92.8	96.1	97.3	98.4	98.6	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		92.8	96.1	97.4	98.5	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		92.8	96.1	97.4	98.5	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		57.4	59.9	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000		68.7	72.3	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000		69.0	72.6	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000		69.1	72.7	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000		69.8	73.4	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000		73.1	76.8	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000		76.3	80.2	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9500		76.5	80.3	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000		78.2	82.2	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000		80.1	84.2	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000		80.9	85.1	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000		81.4	85.6	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500		81.9	86.2	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000		83.3	87.7	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500		83.9	88.3	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000		85.3	90.3	92.6	93.1	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500		85.7	90.9	93.1	93.8	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000		86.3	91.7	94.2	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800		86.3	91.7	94.3	95.2	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500		86.8	92.2	94.7	95.6	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		87.2	92.7	95.3	96.3	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000		88.0	93.5	96.1	97.2	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 900		88.0	93.7	96.2	97.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 800		88.4	94.2	96.9	98.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 700		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		64.9	66.6	67.9	68.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
≥ 20000		71.3	73.3	74.7	74.9	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
≥ 18000		71.6	73.5	74.9	75.1	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 16000		71.8	73.8	75.1	75.4	75.6	75.6	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1
≥ 14000		72.5	74.6	76.1	76.3	76.5	76.5	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
≥ 12000		74.5	76.6	78.1	78.4	78.6	78.6	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1
≥ 10000		76.4	78.6	80.1	80.3	80.6	80.6	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 9000		76.5	78.7	80.2	80.4	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 8000		78.8	81.0	82.5	82.7	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 7000		80.7	82.9	84.6	84.8	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 6000		81.6	83.8	85.5	85.7	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 5000		82.7	84.9	86.7	86.9	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 4500		82.9	85.1	86.8	87.0	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 4000		84.6	86.9	88.7	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8
≥ 3500		85.0	87.5	89.3	89.6	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 3000		86.3	88.7	90.8	91.1	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 2500		86.9	89.4	91.8	92.2	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 2000		88.1	91.5	94.1	94.6	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1800		88.5	91.8	94.5	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1500		89.0	92.3	94.9	95.5	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 1200		89.5	93.2	96.2	96.8	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1000		90.1	94.0	97.1	97.7	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 900		90.2	94.1	97.4	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 800		90.4	94.5	97.7	98.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700		90.7	94.8	98.0	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600		90.8	94.9	98.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 669

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		57.1	59.9	61.1	62.1	62.2	62.6	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.1	63.1
≥ 20000		65.5	68.8	70.2	71.2	71.3	71.7	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.4
≥ 18000		65.7	69.0	70.4	71.4	71.6	72.0	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.5	72.6
≥ 16000		65.9	69.2	70.6	71.6	71.8	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.7	72.8
≥ 14000		67.0	70.3	71.7	72.8	72.9	73.3	73.5	73.5	73.6	73.6	73.6	73.7	73.8	73.8	73.9
≥ 12000		68.8	72.1	73.6	74.7	74.8	75.2	75.4	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.8
≥ 10000		71.5	74.9	76.6	77.7	77.8	78.2	78.4	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.9
≥ 9000		71.9	75.4	77.0	78.1	78.2	78.6	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.2	79.3
≥ 8000		74.4	78.0	79.7	80.8	81.0	81.4	81.6	81.6	81.7	81.8	81.8	81.9	81.9	81.9	82.1
≥ 7000		75.7	79.4	81.2	82.3	82.5	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.6
≥ 6000		76.7	80.5	82.4	83.5	83.6	84.1	84.3	84.3	84.3	84.4	84.4	84.5	84.6	84.6	84.7
≥ 5000		77.7	81.6	83.5	84.6	84.8	85.2	85.4	85.4	85.5	85.6	85.6	85.7	85.7	85.8	85.9
≥ 4500		78.2	82.1	84.0	85.2	85.3	85.8	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.4
≥ 4000		79.5	83.5	85.5	86.8	86.9	87.4	87.6	87.6	87.7	87.8	87.8	87.8	87.9	87.9	88.1
≥ 3500		80.3	84.4	86.5	87.7	87.9	88.4	88.6	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.1
≥ 3000		81.6	85.8	88.0	89.4	89.6	90.0	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.8
≥ 2500		82.1	86.4	88.7	90.0	90.2	90.7	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.4	91.5
≥ 2000		83.3	88.0	90.3	91.8	92.1	92.6	92.9	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.5
≥ 1800		83.5	88.2	90.6	92.1	92.4	93.0	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.7	93.8
≥ 1500		83.9	88.7	91.1	92.7	93.0	93.6	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1200		84.8	89.9	92.5	94.2	94.5	95.2	95.5	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.1
≥ 1000		85.4	90.6	93.3	95.2	95.5	96.2	96.5	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.2
≥ 900		85.6	90.8	93.7	95.5	95.9	96.6	96.9	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.6
≥ 800		86.1	91.3	94.2	96.1	96.5	97.3	97.6	97.7	97.8	97.9	97.9	98.0	98.1	98.1	98.2
≥ 700		86.3	91.6	94.6	96.6	97.1	97.8	98.2	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8
≥ 600		86.4	91.8	94.8	96.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.1	99.2
≥ 500		86.5	91.9	95.0	97.0	97.5	98.4	98.7	98.8	98.9	99.1	99.1	99.2	99.2	99.3	99.4
≥ 400		86.5	92.0	95.1	97.2	97.7	98.6	98.9	99.0	99.2	99.3	99.3	99.4	99.5	99.6	99.7
≥ 300		86.5	92.0	95.1	97.2	97.7	98.7	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.7	99.8
≥ 200		86.5	92.0	95.1	97.3	97.8	98.7	99.1	99.1	99.3	99.5	99.5	99.7	99.7	99.8	100.0
≥ 100		86.5	92.0	95.1	97.3	97.8	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	100.0
≥ 0		86.5	92.0	95.1	97.3	97.8	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7305

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,74-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		65.0	68.8	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7
≥ 20000		73.0	76.8	78.5	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
IV 18000		73.0	77.0	78.6	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
IV 16000		73.1	77.1	78.8	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5
IV 14000		73.5	77.5	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
IV 12000		74.6	78.6	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
IV 10000		77.0	81.3	83.2	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9
IV 9000		77.3	81.6	83.5	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2
IV 8000		78.5	83.1	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7
IV 7000		78.5	83.2	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9
IV 6000		78.6	83.5	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1
IV 5000		80.4	85.4	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1
IV 4500		80.9	85.9	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5
IV 4000		82.5	87.7	89.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
IV 3500		83.2	88.3	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
IV 3000		84.3	89.9	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8
IV 2500		84.3	89.9	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
IV 2000		85.6	91.4	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5
IV 1800		85.7	91.5	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
IV 1500		86.0	92.1	94.5	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.3	95.3	95.3
IV 1200		87.1	93.3	95.8	96.3	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8
IV 1000		87.5	93.9	96.5	96.9	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5
IV 900		87.8	94.3	96.9	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV 800		87.9	94.6	97.4	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3
IV 700		88.2	94.9	97.6	98.1	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.8	98.8	98.8
IV 600		88.3	95.0	97.8	98.2	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 500		88.3	95.0	97.8	98.2	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 400		88.3	95.0	97.8	98.2	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 300		88.3	95.1	97.9	98.3	98.6	98.6	98.6	98.6	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 200		88.5	95.3	98.1	98.6	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 100		88.5	95.3	98.1	98.6	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 0		88.5	95.3	98.1	98.6	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

721

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		55.3	67.7	64.1	65.9	66.3	66.7	67.1	67.3	67.8	68.1	68.1	68.1	68.2	68.5	68.6
≥ 20000		61.3	66.7	70.5	72.4	72.9	73.3	73.8	73.9	74.6	75.0	75.0	75.0	75.4	75.7	75.9
≥ 18000		61.7	67.1	70.9	72.9	73.3	73.7	74.2	74.4	75.0	75.4	75.4	75.4	75.9	76.1	76.3
≥ 16000		61.7	67.1	70.9	72.9	73.3	73.7	74.2	74.4	75.0	75.4	75.4	75.4	75.9	76.1	76.3
≥ 14000		62.1	67.5	71.4	73.3	73.7	74.1	74.6	74.8	75.4	75.9	75.9	75.9	76.3	76.5	76.7
≥ 12000		63.4	69.0	72.9	74.8	75.2	75.6	76.1	76.3	76.9	77.4	77.4	77.4	77.8	78.0	78.2
≥ 10000		66.3	72.2	76.0	78.0	78.4	78.9	79.4	79.5	80.2	80.6	80.6	80.8	81.2	81.4	81.6
≥ 9000		66.8	72.7	76.5	78.6	79.0	79.4	79.9	80.1	80.8	81.2	81.2	81.3	81.7	82.0	82.1
≥ 8000		69.2	75.0	78.9	80.9	81.3	81.7	82.3	82.4	83.1	83.5	83.5	83.6	84.0	84.3	84.4
≥ 7000		69.6	75.4	79.3	81.3	81.7	82.1	82.7	82.8	83.5	83.9	83.9	84.0	84.4	84.7	84.9
≥ 6000		69.8	75.7	79.5	81.6	82.0	82.4	82.9	83.1	83.8	84.2	84.2	84.3	84.7	85.0	85.1
≥ 5000		70.5	76.4	80.2	82.3	82.7	83.1	83.6	83.8	84.4	84.9	84.9	85.0	85.4	85.7	85.8
≥ 4500		70.8	76.7	80.5	82.7	83.1	83.5	84.0	84.2	84.9	85.3	85.3	85.4	85.8	86.1	86.2
≥ 4000		71.9	78.0	81.9	84.0	84.4	84.9	85.4	85.5	86.2	86.6	86.6	86.8	87.2	87.4	87.6
≥ 3500		72.3	78.4	82.5	84.7	85.1	85.5	86.1	86.2	86.9	87.3	87.3	87.4	87.9	88.1	88.3
≥ 3000		73.0	79.4	83.8	86.2	86.6	87.3	87.9	88.0	88.7	89.1	89.1	89.2	89.6	89.9	90.0
≥ 2500		73.0	79.4	83.8	86.2	86.6	87.3	87.9	88.0	88.7	89.1	89.1	89.2	89.6	89.9	90.0
≥ 2000		75.2	82.1	86.5	89.4	89.8	90.5	91.0	91.1	91.8	92.2	92.2	92.4	92.8	93.0	93.2
≥ 1800		75.3	82.3	86.6	89.5	89.9	90.6	91.1	91.3	92.0	92.4	92.4	92.5	92.9	93.2	93.3
≥ 1500		76.3	83.4	87.7	90.6	91.0	91.7	92.2	92.4	93.0	93.5	93.5	93.6	94.0	94.3	94.4
≥ 1200		77.4	84.4	88.8	91.8	92.2	93.0	93.6	93.7	94.4	94.8	94.8	95.0	95.4	95.6	95.8
≥ 1000		77.4	84.4	88.8	91.8	92.2	93.0	93.6	93.7	94.4	94.8	94.8	95.0	95.4	95.6	95.8
≥ 900		77.9	85.0	89.4	92.4	92.8	93.6	94.1	94.3	95.1	95.5	95.5	95.6	96.0	96.3	96.5
≥ 800		78.0	85.3	89.6	92.8	93.2	94.0	94.5	94.7	95.3	95.9	95.9	96.0	96.5	96.7	96.9
≥ 700		78.3	85.8	90.2	93.3	93.7	94.5	95.1	95.2	96.0	96.5	96.5	96.6	97.0	97.3	97.4
≥ 600		78.4	85.9	90.3	93.6	94.0	94.8	95.4	95.5	96.3	96.7	96.7	96.9	97.3	97.5	97.7
≥ 500		78.6	86.2	90.7	93.9	94.3	95.1	95.8	95.9	96.7	97.3	97.3	97.4	97.8	98.1	98.2
≥ 400		78.7	86.4	90.9	94.0	94.4	95.2	95.9	96.2	97.0	97.5	97.5	97.7	98.1	98.4	98.5
≥ 300		79.0	86.9	91.4	94.5	95.0	95.8	96.7	97.0	97.8	98.4	98.4	98.5	98.9	99.2	99.3
≥ 200		79.0	86.9	91.5	94.7	95.1	96.2	97.1	97.5	98.4	98.9	98.9	99.0	99.5	99.7	99.9
≥ 100		79.0	86.9	91.5	94.7	95.1	96.2	97.1	97.7	98.5	99.0	99.0	99.2	99.6	99.9	100.0
≥ 0		79.0	86.9	91.5	94.7	95.1	96.2	97.1	97.7	98.5	99.0	99.0	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		47.7	56.5	58.9	61.2	61.3	61.9	62.1	62.1	62.3	62.8	62.8	63.2	63.2	63.3	63.3
≥ 20000		53.5	63.2	66.1	68.6	68.8	69.5	69.9	70.0	70.2	70.6	70.6	71.1	71.1	71.3	71.3
≥ 18000		54.4	64.1	67.0	69.5	69.7	70.4	70.8	70.9	71.1	71.5	71.5	72.0	72.0	72.2	72.2
IV 16000		54.8	64.5	67.4	69.9	70.1	70.8	71.1	71.2	71.4	71.9	71.9	72.3	72.3	72.6	72.6
≥ 14000		56.0	65.7	68.7	71.2	71.4	72.1	72.4	72.6	72.8	73.2	73.2	73.7	73.7	73.9	73.9
IV 12000		58.0	67.7	70.9	73.5	73.7	74.4	74.7	74.8	75.0	75.5	75.5	75.9	75.9	76.2	76.2
≥ 10000		61.5	71.4	75.0	77.6	77.8	78.5	78.9	79.0	79.3	79.8	79.8	80.2	80.2	80.4	80.4
IV 9000		61.5	71.5	75.1	77.7	78.0	78.6	79.0	79.1	79.4	79.9	79.9	80.3	80.3	80.5	80.5
≥ 8000		64.0	74.1	78.1	80.8	81.0	81.7	82.1	82.2	82.6	83.0	83.0	83.5	83.5	83.7	83.8
IV 7000		64.5	74.7	78.6	81.3	81.6	82.2	82.7	82.8	83.1	83.6	83.6	84.0	84.0	84.3	84.4
≥ 6000		64.7	74.9	78.9	81.6	81.8	82.5	82.9	83.0	83.4	83.8	83.8	84.3	84.3	84.5	84.6
IV 5000		66.4	76.6	80.7	83.4	83.6	84.3	84.7	84.8	85.2	85.6	85.6	86.1	86.1	86.3	86.4
≥ 4500		66.4	76.7	80.9	83.6	83.9	84.6	85.0	85.2	85.5	85.9	85.9	86.4	86.4	86.6	86.7
IV 4000		67.2	77.7	81.9	84.6	84.9	85.6	86.1	86.2	86.5	87.0	87.0	87.4	87.4	87.6	87.7
≥ 3500		67.6	78.4	82.7	85.4	85.7	86.4	86.8	87.0	87.3	87.7	87.7	88.2	88.2	88.4	88.5
IV 3000		68.7	80.0	84.5	87.3	87.9	88.5	89.0	89.1	89.4	89.9	89.9	90.3	90.3	90.6	90.7
≥ 2500		68.8	80.1	84.7	87.5	88.2	88.9	89.3	89.4	89.8	90.2	90.2	90.7	90.7	90.9	91.0
IV 2000		69.6	80.9	85.7	88.6	89.3	90.0	90.4	90.6	90.9	91.3	91.3	91.8	91.8	92.0	92.1
≥ 1800		69.6	80.9	85.7	88.6	89.3	90.0	90.4	90.6	90.9	91.3	91.3	91.8	91.8	92.0	92.1
IV 1500		70.3	81.6	86.4	89.3	90.0	90.7	91.2	91.3	91.7	92.1	92.1	92.6	92.6	92.8	92.9
≥ 1200		70.5	81.8	86.7	89.7	90.3	91.0	91.6	91.7	92.0	92.5	92.5	92.9	92.9	93.1	93.3
IV 1000		70.6	82.1	87.2	90.3	91.0	91.9	92.5	92.6	92.9	93.4	93.4	93.8	93.8	94.0	94.2
≥ 900		71.1	82.6	87.6	90.9	91.7	92.6	93.1	93.4	93.7	94.2	94.2	94.6	94.6	94.8	94.9
IV 800		71.4	82.9	88.0	91.2	92.0	93.0	93.6	93.8	94.2	94.6	94.6	95.1	95.1	95.3	95.4
≥ 700		71.8	83.4	88.4	91.8	92.6	93.8	94.4	94.9	95.3	95.7	95.7	96.2	96.2	96.4	96.5
IV 600		71.8	83.6	88.6	92.2	93.0	94.3	94.8	95.4	95.7	96.2	96.2	96.6	96.6	96.9	97.0
≥ 500		72.1	83.9	89.0	92.8	93.6	95.2	95.8	96.5	96.9	97.3	97.3	97.8	97.8	98.0	98.1
IV 400		72.2	84.4	89.4	93.3	94.2	95.7	96.4	97.1	97.4	98.0	98.0	98.4	98.4	98.7	98.8
≥ 300		72.2	84.4	89.5	93.5	94.5	96.1	96.9	97.5	98.1	98.7	98.7	99.2	99.2	99.4	99.6
IV 200		72.2	84.4	89.5	93.5	94.5	96.1	97.0	97.8	98.4	99.0	99.1	99.7	99.7	99.9	100.0
≥ 100		72.2	84.4	89.5	93.5	94.5	96.1	97.0	97.8	98.4	99.0	99.1	99.7	99.7	99.9	100.0
IV 0		72.2	84.4	89.5	93.5	94.5	96.1	97.0	97.8	98.4	99.0	99.1	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		58.4	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000		68.2	71.2	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000		68.7	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000		68.8	71.8	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000		71.0	74.0	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000		73.3	76.3	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000		78.6	81.6	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000		78.6	81.6	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000		80.6	83.7	84.2	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000		81.2	84.4	85.0	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000		81.7	84.9	85.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000		82.6	85.9	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500		82.6	85.9	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000		83.8	87.1	87.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500		84.0	87.3	87.9	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000		85.8	89.1	89.9	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500		86.3	89.7	90.4	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000		88.6	92.0	92.6	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800		88.6	92.1	92.9	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500		89.4	93.1	93.9	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200		90.3	94.0	95.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000		90.9	94.7	95.7	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900		91.1	94.9	95.9	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800		91.6	95.3	96.6	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700		91.9	95.7	97.0	98.3	98.6	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		92.1	95.9	97.2	98.9	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.1	57.6	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	.1	71.9	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	.1	72.6	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	.1	73.2	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	.1	74.8	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	.1	76.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	.1	81.3	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	.1	81.3	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	.1	83.3	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	.1	83.8	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	.1	84.2	88.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	.1	84.6	88.9	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	.1	84.8	89.1	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	.1	86.2	90.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	.1	86.4	90.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	.1	87.8	92.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	.1	88.4	92.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	.1	89.2	93.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	.1	89.3	94.0	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	.1	89.8	95.1	96.3	96.4	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	.1	91.0	96.3	97.6	97.7	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	.1	91.3	96.8	98.1	98.3	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	.1	91.7	97.2	98.6	98.8	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	.1	91.8	97.3	98.7	98.9	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		58.1	59.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000		71.1	73.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000		72.2	74.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000		72.8	75.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000		74.2	76.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000		76.2	78.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000		81.0	83.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000		81.1	83.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000		82.6	85.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000		83.2	85.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000		83.3	86.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000		84.1	87.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500		84.3	87.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000		85.0	88.1	89.5	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500		86.1	89.1	90.6	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000		87.2	90.5	92.1	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500		88.1	91.4	93.1	93.7	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000		89.6	93.1	94.9	95.4	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800		89.8	93.5	95.2	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500		91.2	95.0	96.7	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200		92.2	96.0	97.8	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		92.5	96.2	98.1	98.6	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900		92.5	96.2	98.1	98.7	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		92.5	96.2	98.1	98.7	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		92.5	96.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		92.5	96.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		92.5	96.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

875

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13/17

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		57.0	59.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000		70.0	73.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000		71.0	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000		71.0	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000		73.2	76.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 12000		74.9	78.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000		78.4	81.5	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000		76.1	81.5	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000		81.0	84.5	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000		81.7	85.5	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000		81.9	85.7	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000		83.7	87.5	89.5	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500		83.7	87.7	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000		85.2	89.2	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500		85.6	89.6	91.6	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000		86.7	90.9	93.0	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500		87.3	91.8	93.9	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000		89.3	93.8	96.1	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800		89.3	93.9	96.2	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500		89.5	94.3	96.7	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200		90.0	94.9	97.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		90.2	95.3	97.6	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 900		90.3	95.4	97.8	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 800		90.4	95.5	97.9	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 700		90.5	95.6	98.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
≥ 600		90.5	95.7	98.2	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 500		90.5	95.7	98.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 400		90.5	95.7	98.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300		90.5	95.7	98.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200		90.5	95.7	98.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100		90.5	95.7	98.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0		90.5	95.7	98.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		65.9	69.7	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000		73.7	78.2	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000		73.7	78.4	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000		73.7	78.4	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000		74.1	78.7	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000		75.4	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000		79.3	84.1	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000		79.5	84.2	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000		81.3	86.1	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000		82.0	86.8	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000		82.4	87.2	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000		83.9	88.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500		84.0	88.8	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000		86.2	91.2	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500		86.9	91.9	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000		88.6	93.8	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500		89.4	94.5	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000		90.6	96.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800		90.7	96.1	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500		90.8	96.2	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200		91.6	97.1	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		91.8	97.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		91.8	97.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		91.8	97.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.0	58.0	61.9	63.2	63.8	63.9	64.0	64.1	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4
≥ 20000	.0	67.9	72.4	73.8	74.5	74.6	74.8	74.9	74.9	75.0	75.1	75.1	75.2	75.2	75.3	75.3
≥ 18000	.0	68.4	72.9	74.4	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.9
≥ 16000	.0	68.7	73.2	74.7	75.4	75.5	75.6	75.7	75.7	75.8	76.0	76.0	76.0	76.1	76.1	76.2
≥ 14000	.0	69.9	74.4	75.9	76.7	76.7	76.9	77.0	77.0	77.1	77.2	77.2	77.3	77.3	77.4	77.4
≥ 12000	.0	71.6	76.2	77.8	78.5	78.6	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.3	79.3
≥ 10000	.0	75.5	80.2	81.9	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.6	83.6
≥ 9000	.0	75.7	80.4	82.1	82.9	83.0	83.2	83.3	83.3	83.4	83.5	83.5	83.6	83.6	83.7	83.8
≥ 8000	.0	77.7	82.5	84.3	85.1	85.2	85.4	85.5	85.5	85.6	85.8	85.8	85.8	85.9	85.9	86.0
≥ 7000	.0	78.2	83.1	84.9	85.7	85.8	86.0	86.1	86.1	86.2	86.3	86.3	86.4	86.5	86.5	86.6
≥ 6000	.0	78.5	83.4	85.2	86.1	86.1	86.3	86.4	86.5	86.6	86.7	86.7	86.8	86.8	86.9	86.9
≥ 5000	.0	79.7	84.7	86.6	87.4	87.5	87.6	87.8	87.8	87.9	88.0	88.0	88.1	88.2	88.2	88.3
≥ 4500	.0	79.8	84.8	86.8	87.6	87.7	87.9	88.0	88.0	88.1	88.2	88.2	88.3	88.4	88.4	88.5
≥ 4000	.0	81.1	86.3	88.2	89.2	89.3	89.5	89.6	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.1
≥ 3500	.0	81.6	86.8	88.9	89.8	89.9	90.1	90.3	90.3	90.4	90.5	90.5	90.6	90.7	90.7	90.8
≥ 3000	.0	82.9	88.3	90.5	91.6	91.7	92.0	92.1	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.6
≥ 2500	.0	83.4	88.8	91.1	92.2	92.4	92.6	92.8	92.8	92.9	93.0	93.0	93.1	93.2	93.2	93.3
≥ 2000	.0	84.8	90.5	92.8	94.0	94.2	94.5	94.6	94.6	94.8	94.9	94.9	95.0	95.0	95.1	95.1
≥ 1800	.0	84.9	90.6	92.9	94.1	94.3	94.6	94.7	94.8	94.9	95.0	95.0	95.1	95.2	95.2	95.3
≥ 1500	.0	85.5	91.5	93.8	95.0	95.2	95.5	95.6	95.7	95.8	95.9	95.9	96.0	96.1	96.1	96.2
≥ 1200	.0	86.4	92.3	94.8	96.0	96.2	96.5	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.2
≥ 1000	.0	86.6	92.7	95.2	96.5	96.7	97.0	97.2	97.3	97.4	97.5	97.5	97.6	97.7	97.7	97.8
≥ 900	.0	86.9	93.0	95.5	96.8	97.0	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2
≥ 800	.0	87.1	93.2	95.7	97.0	97.3	97.7	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.4	98.5
≥ 700	.0	87.3	93.4	96.0	97.4	97.6	98.1	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.9	99.0
≥ 600	.0	87.3	93.5	96.1	97.6	97.8	98.3	98.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.2
≥ 500	.0	87.4	93.6	96.2	97.7	98.0	98.5	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.5
≥ 400	.0	87.4	93.7	96.3	97.8	98.1	98.6	98.9	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.6
≥ 300	.0	87.5	93.8	96.4	97.9	98.2	98.7	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8
≥ 200	.0	87.5	93.8	96.4	98.0	98.2	98.8	99.1	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0
≥ 100	.0	87.5	93.8	96.4	98.0	98.2	98.8	99.1	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0
≥ 0	.0	87.5	93.8	96.4	98.0	98.2	98.8	99.1	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

6703

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17/17

MYRTLE BEACH AFB SC

69-70,74-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		60.3	65.5	66.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000		69.4	76.3	77.6	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000		69.8	76.8	78.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 16000		69.8	76.8	78.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000		71.2	78.2	79.7	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000		72.9	79.9	81.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000		77.7	84.7	86.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000		77.7	84.8	86.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000		80.6	87.8	89.6	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000		81.7	89.0	90.7	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000		81.8	89.1	90.9	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000		82.5	89.8	91.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500		82.5	89.8	91.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000		84.2	91.6	93.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500		85.3	92.9	94.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000		86.2	93.7	95.7	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500		86.7	94.2	96.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000		87.2	94.7	96.7	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800		87.3	94.9	96.9	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500		87.6	95.1	97.2	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200		87.6	95.1	97.2	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		87.7	95.2	97.4	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		87.7	95.2	97.5	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		87.7	95.2	97.5	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		87.7	95.2	97.5	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		87.7	95.2	97.5	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		87.7	95.2	97.5	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		87.8	95.4	97.6	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.8	95.4	97.6	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.8	95.4	97.6	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.8	95.4	97.6	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.8	95.4	97.6	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,74-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING		55.9	62.8	65.9	67.9	68.8	69.2	69.4	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000		62.7	71.8	75.3	77.6	78.4	78.8	79.1	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.6
≥ 18000		62.9	72.3	75.8	78.1	78.9	79.3	79.6	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.1
≥ 16000		62.9	72.3	75.8	78.1	78.9	79.3	79.6	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.1
≥ 14000		64.0	73.4	76.9	79.2	80.1	80.5	80.7	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥ 12000		65.2	74.7	78.3	80.6	81.5	81.8	82.1	82.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6
≥ 10000		68.9	78.6	82.6	84.8	85.7	86.1	86.3	86.5	86.6	86.7	86.7	86.8	86.8	86.8	86.8
≥ 9000		69.0	78.7	82.7	85.0	85.8	86.2	86.5	86.6	86.7	86.8	86.8	87.0	87.0	87.0	87.0
≥ 8000		71.9	81.7	85.8	88.2	89.1	89.5	89.7	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2
≥ 7000		72.6	82.3	86.5	88.8	89.7	90.1	90.4	90.5	90.6	90.7	90.7	90.9	90.9	90.9	90.9
≥ 6000		72.9	82.8	87.0	89.3	90.2	90.6	90.9	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4
≥ 5000		73.9	84.0	88.1	90.5	91.4	91.7	92.0	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.5
≥ 4500		73.9	84.0	88.1	90.5	91.4	91.7	92.0	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.5
≥ 4000		74.7	85.0	89.2	91.6	92.5	92.9	93.1	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6
≥ 3500		75.2	85.5	89.7	92.1	93.0	93.5	93.7	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2
≥ 3000		75.9	86.2	90.5	92.9	93.7	94.2	94.5	94.6	94.7	94.9	94.9	95.0	95.0	95.0	95.0
≥ 2500		76.2	86.6	90.9	93.5	94.4	94.9	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 2000		77.4	88.2	93.0	95.6	96.5	97.1	97.4	97.5	97.6	97.7	97.7	97.9	97.9	97.9	97.9
≥ 1800		77.4	88.2	93.1	95.7	96.6	97.2	97.5	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1500		77.8	88.6	93.6	96.2	97.1	97.7	98.0	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1200		78.2	89.0	94.0	96.6	97.5	98.1	98.4	98.5	98.6	98.7	98.7	98.9	98.9	98.9	98.9
≥ 1000		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500		78.4	89.2	94.2	96.9	97.7	98.5	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
≥ 400		78.4	89.6	94.6	97.2	98.1	98.9	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300		78.4	89.6	94.6	97.2	98.1	98.9	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200		78.4	89.6	94.6	97.2	98.1	98.9	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100		78.4	89.6	94.6	97.2	98.1	99.0	99.2	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 0		78.4	89.6	94.6	97.2	98.1	99.0	99.2	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		3.6	58.2	62.3	64.8	65.2	66.5	67.1	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7
≥ 20000		6.8	67.7	73.0	76.7	76.7	78.0	78.5	78.7	79.2	79.5	79.5	79.6	79.6	79.7	79.7
≥ 18000		57.1	68.3	73.5	76.7	77.2	78.5	79.0	79.3	79.7	80.0	80.0	80.1	80.1	80.2	80.2
≥ 16000		57.1	68.4	73.7	76.8	77.3	78.6	79.2	79.4	79.8	80.1	80.1	80.2	80.2	80.3	80.3
≥ 14000		58.6	70.0	75.3	78.4	78.9	80.2	80.8	81.0	81.4	81.7	81.7	81.9	81.9	82.0	82.0
≥ 12000		60.5	72.1	77.6	80.9	81.4	82.7	83.3	83.5	83.9	84.3	84.3	84.4	84.4	84.6	84.6
≥ 10000		64.7	76.5	82.2	85.4	86.0	87.4	87.9	88.1	88.6	89.7	89.0	89.1	89.1	89.2	89.2
≥ 9000		65.1	76.9	82.7	86.0	86.5	87.9	88.4	88.7	89.1	89.5	89.5	89.6	89.6	89.7	89.7
≥ 8000		67.6	79.4	85.2	88.4	89.0	90.4	90.9	91.1	91.6	92.0	92.0	92.1	92.1	92.2	92.2
≥ 7000		68.5	80.2	86.1	89.3	89.8	91.3	91.8	92.0	92.4	92.9	92.9	93.0	93.0	93.1	93.1
≥ 6000		68.5	80.2	86.1	89.4	90.0	91.4	91.9	92.1	92.5	93.0	93.0	93.1	93.1	93.2	93.2
≥ 5000		68.8	80.7	86.5	89.8	90.5	91.9	92.4	92.7	93.1	93.5	93.5	93.6	93.6	93.7	93.7
≥ 4500		68.8	80.7	86.5	89.8	90.5	91.9	92.4	92.7	93.1	93.5	93.5	93.6	93.6	93.7	93.7
≥ 4000		69.1	81.0	86.9	90.3	90.9	92.3	92.9	93.1	93.5	94.0	94.0	94.1	94.1	94.2	94.2
≥ 3500		69.4	81.3	87.3	90.6	91.3	92.8	93.3	93.5	94.0	94.4	94.4	94.5	94.5	94.6	94.6
≥ 3000		69.9	81.7	87.7	91.0	91.7	93.2	93.7	94.0	94.4	94.8	94.8	94.9	94.9	95.0	95.0
≥ 2500		70.0	81.9	87.9	91.4	92.0	93.5	94.1	94.3	94.7	95.1	95.1	95.2	95.2	95.4	95.4
≥ 2000		70.4	82.4	88.4	91.9	92.5	94.1	94.6	94.8	95.2	95.7	95.7	95.8	95.8	95.9	95.9
≥ 1800		70.4	82.5	88.6	92.0	92.7	94.2	94.7	94.9	95.4	95.8	95.8	95.9	95.9	96.0	96.0
≥ 1500		71.0	83.0	89.1	92.5	93.2	94.7	95.2	95.5	95.9	96.3	96.3	96.4	96.4	96.5	96.5
≥ 1200		71.4	83.5	89.5	93.0	93.6	95.2	95.8	96.0	96.4	96.9	96.9	97.0	97.0	97.1	97.1
≥ 1000		71.6	83.7	89.8	93.4	94.1	95.7	96.2	96.4	96.9	97.3	97.3	97.4	97.4	97.5	97.5
≥ 900		71.6	83.9	90.2	93.7	94.4	96.0	96.5	96.8	97.2	97.6	97.6	97.7	97.7	97.8	97.8
≥ 800		72.0	84.3	90.6	94.3	94.9	96.5	97.1	97.3	97.7	98.2	98.2	98.3	98.3	98.4	98.4
≥ 700		72.1	84.4	90.7	94.4	95.0	96.9	97.4	97.6	98.1	98.5	98.5	98.6	98.6	98.7	98.7
≥ 600		72.2	84.6	90.8	94.5	95.1	97.0	97.5	97.7	98.2	98.6	98.6	98.7	98.7	98.8	98.8
≥ 500		72.2	84.7	91.0	94.8	95.5	97.4	97.9	98.2	98.6	99.0	99.0	99.1	99.1	99.2	99.2
≥ 400		72.2	84.7	91.0	94.8	95.5	97.4	97.9	98.2	98.7	99.1	99.1	99.2	99.2	99.4	99.4
≥ 300		72.2	84.7	91.0	94.8	95.5	97.5	98.1	98.3	98.8	99.4	99.4	99.5	99.5	99.6	99.6
≥ 200		72.2	84.7	91.0	94.8	95.5	97.5	98.1	98.4	98.9	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100		72.2	84.7	91.0	94.8	95.5	97.5	98.1	98.4	98.9	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0		72.2	84.7	91.0	94.8	95.5	97.5	98.1	98.4	98.9	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		63.5	64.9	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000		72.2	76.9	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000		72.4	77.1	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000		72.6	77.4	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000		73.8	78.7	81.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000		75.6	80.8	83.8	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000		80.0	85.2	88.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000		80.3	85.5	88.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8000		81.2	86.3	89.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000		82.6	87.7	90.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000		82.7	88.0	91.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000		83.1	88.4	91.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500		83.1	88.4	91.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000		83.5	88.8	91.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500		84.1	89.4	92.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000		85.3	90.5	93.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500		85.6	90.9	94.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000		86.5	91.7	95.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800		86.7	91.9	95.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		87.0	92.3	95.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200		88.3	93.8	97.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000		88.8	94.3	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		88.8	94.3	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		88.8	94.3	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		88.9	94.4	98.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		88.9	94.4	98.0	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		89.1	94.6	98.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		58.6	62.6	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000		70.3	76.1	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000		70.3	76.1	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000		71.2	77.0	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000		73.2	79.8	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 12000		75.7	81.6	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 10000		79.2	85.3	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000		79.9	85.9	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000		81.7	88.0	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000		83.1	89.4	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000		83.5	89.8	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000		83.9	90.1	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500		84.1	90.3	93.1	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000		84.8	91.1	94.1	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500		85.2	91.5	94.5	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000		86.8	93.2	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500		87.1	93.7	96.7	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000		88.4	95.3	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800		88.4	95.3	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		88.7	95.6	98.7	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		88.8	95.7	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000		88.8	95.7	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		88.8	95.7	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800		88.8	95.7	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		88.8	95.7	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		88.8	95.7	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		88.8	95.7	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		88.9	95.8	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300		88.9	95.8	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200		88.9	95.8	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100		88.9	95.8	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0		88.9	95.8	98.9	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		56.3	59.8	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000		69.7	74.7	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000		70.2	75.3	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000		70.4	75.5	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000		72.3	77.5	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000		75.0	80.2	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000		79.2	84.8	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000		79.9	85.4	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000		82.4	88.5	90.3	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000		83.2	89.6	91.5	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000		83.4	90.0	92.1	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000		83.9	90.5	92.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500		83.9	90.5	92.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000		84.0	90.9	93.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500		84.3	91.4	93.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000		85.5	92.7	95.0	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500		85.9	93.2	95.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000		86.3	93.7	96.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800		86.4	93.8	96.2	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500		86.8	94.2	96.7	98.3	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200		87.1	94.7	97.2	98.7	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000		87.2	94.8	97.3	98.8	99.0	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900		87.2	94.9	97.4	98.9	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		52.3	55.4	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000		67.2	72.5	74.4	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000		67.8	73.3	75.2	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000		67.9	73.4	75.3	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000		69.7	75.6	77.5	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000		71.9	77.8	79.7	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000		77.1	83.2	85.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 9000		77.6	83.7	85.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000		79.7	86.2	88.5	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000		80.6	87.4	89.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000		80.9	87.8	90.2	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 5000		81.9	89.1	91.5	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500		81.9	89.1	91.5	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000		82.5	89.8	92.3	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500		82.9	90.2	92.6	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		84.1	91.5	94.2	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500		84.5	91.9	94.7	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000		85.3	92.9	95.8	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		85.4	93.0	95.9	97.8	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500		86.1	93.7	96.6	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		86.1	93.7	96.6	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		86.5	94.1	97.1	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		86.5	94.1	97.1	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		86.6	94.3	97.3	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		86.6	94.3	97.3	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		86.6	94.3	97.3	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		57.7	62.8	63.6	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000		68.8	75.5	77.0	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000		69.2	76.0	77.6	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000		69.5	76.3	77.9	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000		71.1	78.1	79.8	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000		72.7	80.1	81.9	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000		77.2	84.9	87.0	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000		77.4	85.1	87.2	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000		79.7	87.5	89.7	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000		80.6	88.5	90.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000		81.0	89.2	91.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000		81.9	90.1	92.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500		81.9	90.1	92.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000		82.9	91.3	93.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500		83.7	92.1	94.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000		86.0	94.4	97.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500		86.2	94.6	97.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000		86.8	95.2	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800		86.8	95.2	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500		87.0	95.4	98.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		87.1	95.6	98.2	99.2	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000		87.2	95.7	98.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		87.2	95.7	98.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		87.2	95.7	98.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		56.2	61.4	63.5	64.4	64.6	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000		67.2	73.9	76.6	77.8	78.0	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000		67.5	74.4	77.0	78.2	78.4	78.7	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000		67.7	74.6	77.3	78.6	78.8	79.0	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000		69.3	76.3	79.0	80.3	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000		71.2	78.4	81.2	82.6	82.8	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4
≥ 10000		75.6	82.9	85.9	87.2	87.4	87.7	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000		76.0	83.3	86.2	87.6	87.9	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000		78.2	85.7	88.7	90.2	90.4	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000		79.2	86.8	89.8	91.3	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 6000		79.4	87.1	90.2	91.7	91.9	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6
≥ 5000		80.0	87.9	91.0	92.5	92.7	93.0	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 4500		80.1	87.9	91.0	92.5	92.8	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000		80.8	88.7	91.8	93.4	93.6	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500		81.3	89.3	92.4	94.0	94.3	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0
≥ 3000		82.5	90.5	93.8	95.4	95.6	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500		82.8	90.9	94.2	95.8	96.1	96.4	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 2000		83.6	91.8	95.2	96.9	97.1	97.5	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1800		83.6	91.8	95.3	97.0	97.2	97.6	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1500		84.0	92.2	95.7	97.5	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1200		84.3	92.6	96.1	97.9	98.2	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		84.6	92.8	96.3	98.2	98.4	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900		84.6	92.9	96.4	98.3	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800		84.7	93.0	96.5	98.4	98.7	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		84.7	93.0	96.6	98.4	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600		84.7	93.0	96.6	98.4	98.7	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		84.8	93.1	96.7	98.5	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 400		84.8	93.2	96.7	98.6	98.9	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300		84.8	93.2	96.7	98.6	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		84.8	93.2	96.7	98.6	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100		84.8	93.2	96.7	98.6	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0		84.8	93.2	96.7	98.6	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7098

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13/17

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		66.0	71.4	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 20000		72.1	78.7	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 18000		72.4	78.9	80.8	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000		72.5	79.0	81.0	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000		73.7	80.2	82.1	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000		74.5	81.1	83.0	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000		77.5	84.2	86.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000		77.9	84.5	87.3	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000		79.0	85.7	88.5	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000		79.6	86.3	89.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000		80.6	87.4	90.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000		81.0	87.7	90.5	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4500		81.2	88.0	90.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000		82.1	88.9	91.7	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500		83.2	90.0	92.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000		84.0	90.8	93.7	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500		84.3	91.1	93.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000		85.1	91.9	94.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800		85.6	92.4	95.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500		86.0	92.7	95.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200		86.5	93.3	96.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		86.7	93.6	96.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		87.0	93.9	97.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		87.0	94.0	97.3	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700		87.0	94.3	97.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600		87.0	94.4	97.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		87.1	94.6	97.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		87.1	94.6	97.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		87.3	94.8	98.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		87.3	94.8	98.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.3	94.8	98.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.3	94.8	98.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

640

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		59.6	65.8	68.5	71.2	71.7	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.9	72.9	72.9
≥ 20000		63.1	70.1	73.0	76.1	76.8	77.6	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1
≥ 18000		63.6	70.6	73.5	76.5	77.3	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.6	78.6	78.6
≥ 16000		63.7	70.7	73.6	76.7	77.4	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7
≥ 14000		64.6	71.6	74.6	77.7	78.5	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.8	79.8	79.8
≥ 12000		65.1	72.3	75.4	78.5	79.2	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5
≥ 10000		68.6	76.4	79.6	82.7	83.5	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.8	84.8	84.8
≥ 9000		69.0	77.0	80.2	83.3	84.0	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4
≥ 8000		70.4	78.7	82.3	85.5	86.2	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.5
≥ 7000		70.6	79.0	82.6	85.8	86.5	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.9	87.9	87.9
≥ 6000		71.0	79.6	83.2	86.4	87.1	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5	88.5
≥ 5000		71.5	80.4	83.9	87.1	87.9	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.2
≥ 4500		71.9	80.4	83.9	87.1	87.9	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.2
≥ 4000		72.1	81.0	84.5	87.7	88.5	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9
≥ 3500		72.4	81.5	85.2	88.5	89.2	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6
≥ 3000		73.3	82.7	86.7	89.9	90.6	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0
≥ 2500		74.0	83.5	87.4	90.6	91.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7
≥ 2000		75.4	84.9	88.9	92.3	93.0	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4
≥ 1800		75.5	85.0	89.0	92.5	93.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6
≥ 1500		76.3	86.0	90.0	93.5	94.2	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
≥ 1200		76.8	86.5	90.6	94.3	95.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.5	96.5
≥ 1000		76.8	86.5	90.6	94.3	95.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.5	96.5
≥ 900		76.8	86.7	90.8	94.5	95.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.8	96.8	96.8
≥ 800		76.8	86.8	91.0	94.6	95.4	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.9	96.9	96.9
≥ 700		76.9	86.9	91.2	94.9	95.6	96.5	96.8	96.8	96.9	96.9	96.9	96.9	97.1	97.1	97.1
≥ 600		76.9	86.9	91.2	94.9	95.6	96.5	96.8	96.8	96.9	96.9	96.9	96.9	97.1	97.1	97.1
≥ 500		77.0	87.1	91.4	95.1	95.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.4	97.4	97.4
≥ 400		77.5	87.7	92.0	95.7	96.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	98.0	98.0	98.0
≥ 300		77.6	88.0	92.4	96.4	97.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.4	99.4	99.4
≥ 200		77.7	88.1	92.6	96.7	97.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 100		77.7	88.1	92.6	96.7	97.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	100.0	100.0	100.0
≥ 0		77.7	88.1	92.6	96.7	97.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING		47.9	55.9	60.4	63.3	64.8	66.3	67.1	67.2	67.5	67.9	67.9	68.1	68.3	68.5	68.6
≥ 20000		52.3	61.4	66.2	70.1	71.6	73.2	74.0	74.1	74.4	74.8	74.8	75.0	75.2	75.6	75.7
≥ 18000		52.4	61.5	66.5	70.3	71.8	73.6	74.3	74.4	74.8	75.1	75.1	75.3	75.5	75.9	76.1
≥ 16000		52.9	61.9	66.9	70.8	72.3	74.0	74.9	75.0	75.3	75.6	75.6	75.8	76.1	76.5	76.6
≥ 14000		53.4	62.6	67.5	71.5	73.1	75.1	76.1	76.2	76.5	76.8	76.8	77.0	77.2	77.7	77.8
≥ 12000		54.7	64.2	69.4	73.4	75.0	77.0	78.0	78.1	78.5	78.9	78.9	79.1	79.3	79.7	79.8
≥ 10000		56.7	66.3	71.6	75.6	77.2	79.3	80.3	80.4	80.8	81.1	81.1	81.3	81.6	82.0	82.1
≥ 9000		57.0	66.6	72.1	76.2	77.9	79.9	80.9	81.0	81.4	81.8	81.8	82.0	82.2	82.6	82.7
≥ 8000		59.5	69.6	75.5	79.8	81.7	83.7	84.7	84.8	85.2	85.5	85.5	85.8	86.0	86.4	86.5
≥ 7000		60.2	70.2	76.5	80.8	82.6	84.7	85.7	85.8	86.2	86.5	86.5	86.7	86.9	87.4	87.5
≥ 6000		60.3	70.4	76.8	81.1	83.0	85.0	86.0	86.2	86.6	86.9	86.9	87.2	87.4	87.8	87.9
≥ 5000		60.5	70.7	77.0	81.4	83.3	85.3	86.3	86.5	86.9	87.3	87.3	87.5	87.7	88.1	88.2
≥ 4500		60.7	70.9	77.2	81.7	83.5	85.5	86.5	86.7	87.2	87.5	87.5	87.7	87.9	88.3	88.5
≥ 4000		61.1	71.3	77.8	82.2	84.0	86.1	87.1	87.3	87.7	88.0	88.0	88.2	88.5	88.9	89.0
≥ 3500		61.5	71.7	78.2	82.6	84.5	86.6	87.6	87.8	88.2	88.6	88.6	88.8	89.0	89.4	89.5
≥ 3000		62.1	72.5	79.1	83.5	85.3	87.6	88.7	88.9	89.3	89.6	89.6	89.9	90.1	90.5	90.6
≥ 2500		62.7	73.4	80.0	84.6	86.5	88.8	89.9	90.1	90.5	90.8	90.8	91.0	91.3	91.7	91.8
≥ 2000		63.2	74.0	80.7	85.2	87.2	89.5	90.6	90.8	91.3	91.6	91.6	91.8	92.0	92.4	92.6
≥ 1800		63.2	74.0	80.7	85.2	87.2	89.5	90.6	90.8	91.3	91.6	91.6	91.8	92.0	92.4	92.6
≥ 1500		63.6	74.5	81.3	86.0	87.9	90.4	91.5	91.7	92.1	92.4	92.4	92.7	92.9	93.3	93.4
≥ 1200		64.4	75.5	82.3	87.1	89.1	91.7	92.9	93.1	93.5	93.9	93.9	94.1	94.3	94.7	94.8
≥ 1000		64.7	75.9	82.7	87.5	89.6	92.3	93.5	93.7	94.2	94.5	94.5	94.7	94.9	95.4	95.5
≥ 900		64.7	76.2	83.0	87.7	89.9	92.6	93.7	94.0	94.4	94.7	94.7	94.9	95.1	95.6	95.7
≥ 800		64.7	76.4	83.2	88.0	90.2	92.9	94.1	94.3	94.7	95.0	95.0	95.3	95.5	95.9	96.0
≥ 700		64.9	76.6	83.4	88.2	90.4	93.1	94.3	94.5	94.9	95.3	95.3	95.5	95.7	96.1	96.2
≥ 600		64.9	76.6	83.5	88.3	90.5	93.2	94.4	94.6	95.0	95.4	95.4	95.6	95.8	96.2	96.3
≥ 500		64.9	76.7	83.7	88.7	90.8	93.6	94.8	95.0	95.5	95.8	95.8	96.0	96.2	96.7	96.8
≥ 400		65.0	76.9	83.9	89.0	91.2	94.1	95.4	95.6	96.0	96.3	96.3	96.5	96.8	97.2	97.3
≥ 300		65.0	76.9	84.4	89.5	91.7	94.8	96.3	96.5	97.0	97.4	97.4	97.7	98.0	98.4	98.5
≥ 200		65.0	76.9	84.5	89.9	92.0	95.1	97.0	97.3	97.8	98.3	98.3	98.9	99.1	99.6	99.7
≥ 100		65.0	76.9	84.5	89.9	92.0	95.1	97.0	97.3	97.8	98.3	98.3	99.0	99.2	99.9	100.0
≥ 0		65.0	76.9	84.5	89.9	92.0	95.1	97.0	97.3	97.8	98.3	98.3	99.0	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	.1	58.9	61.8	62.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥20000	.1	67.7	70.9	71.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥18000	.1	68.2	71.3	72.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥16000	.1	68.3	71.4	72.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥14000	.1	69.6	72.8	73.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥12000	.1	71.8	75.1	76.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥10000	.2	76.1	79.3	80.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥9000	.2	76.7	80.2	81.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥8000	.2	79.0	82.5	83.9	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥7000	.2	79.9	83.9	84.9	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥6000	.2	80.7	84.9	86.0	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥5000	.2	81.6	85.5	87.1	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥4500	.2	81.9	85.9	87.5	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥4000	.2	82.7	86.7	88.3	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥3500	.2	83.3	87.3	88.9	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥3000	.2	84.0	88.2	90.0	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥2500	.2	84.5	88.7	90.4	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥2000	.2	85.5	90.1	91.8	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥1800	.2	85.7	90.2	91.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥1500	.2	86.4	91.4	93.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥1200	.2	87.1	92.0	94.0	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥1000	.2	88.0	93.1	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥900	.2	88.0	93.1	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥800	.2	88.1	93.3	95.3	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥700	.2	88.1	93.4	95.7	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥600	.2	88.1	93.4	95.8	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥500	.2	88.1	93.4	95.9	98.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	.2	88.1	93.4	95.9	98.2	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥300	.2	88.1	93.4	96.0	98.3	99.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥200	.2	88.1	93.4	96.0	98.4	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥100	.2	88.1	93.4	96.0	98.4	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	.2	88.1	93.4	96.0	98.4	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		57.9	60.0	61.3	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000		70.2	72.9	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000		70.6	73.2	74.8	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000		70.8	73.5	75.0	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000		72.3	75.0	76.6	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000		74.8	77.7	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000		78.0	80.9	82.6	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000		78.3	81.3	83.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000		81.0	84.5	86.8	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000		83.0	86.5	88.9	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000		83.2	86.7	89.1	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000		83.8	87.4	89.9	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500		83.8	87.4	89.9	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000		84.8	88.3	90.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500		85.5	89.2	91.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000		86.7	90.4	92.9	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500		87.1	91.7	93.2	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000		88.3	92.0	94.6	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800		88.8	92.4	95.0	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500		89.8	93.5	96.1	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		89.9	93.6	96.3	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000		90.4	94.2	96.9	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900		90.4	94.2	96.9	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800		90.7	94.5	97.2	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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USAFETAC
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YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING ≥ 20000		54.9	57.4	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000		70.2	73.3	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000		70.3	73.4	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000		70.6	73.7	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000		72.9	76.0	76.7	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000		76.1	79.3	80.1	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000		81.4	85.3	86.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000		81.8	86.0	86.9	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000		83.9	87.8	88.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000		85.4	89.7	90.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000		85.9	90.3	91.3	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500		86.2	90.6	91.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000		86.2	90.6	91.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500		87.0	91.5	92.5	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000		87.4	91.9	93.0	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 2500		88.2	92.7	93.8	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000		88.9	93.5	94.6	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		89.8	94.5	95.8	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500		89.9	94.6	95.9	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200		90.3	95.0	96.4	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000		90.5	95.6	97.2	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		90.6	95.7	97.3	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800		90.7	95.8	97.4	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		90.9	95.9	97.5	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		91.0	96.0	97.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		91.0	96.0	97.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		91.0	96.0	97.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300		91.0	96.0	97.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200		91.0	96.0	97.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100		91.0	96.0	97.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0		91.0	96.0	97.6	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MOY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		55.4	58.4	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥20000		69.5	73.1	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥18000		69.9	73.4	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥16000		70.3	73.9	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥14000		72.2	75.8	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥12000		74.8	78.8	80.1	80.4	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥10000		79.0	83.1	85.3	85.8	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥9000		79.1	83.2	85.5	86.0	86.1	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥8000		80.4	85.2	87.4	88.0	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥7000		81.6	86.5	88.7	89.4	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥6000		82.3	87.1	89.4	90.0	90.2	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥5000		82.5	87.4	89.7	90.3	90.5	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥4500		82.7	87.8	90.1	90.8	91.0	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥4000		83.4	88.6	90.9	91.5	91.7	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥3500		83.7	89.0	91.3	92.0	92.3	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥3000		84.6	91.1	92.4	93.1	93.3	93.5	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥2500		85.1	90.6	92.9	93.7	94.0	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥2000		86.0	91.7	94.2	94.9	95.3	95.6	95.8	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2
≥1800		86.1	92.1	94.5	95.3	95.6	95.9	96.1	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.6
≥1500		86.6	92.5	95.1	95.9	96.2	96.6	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥1200		87.2	93.3	96.0	97.0	97.3	97.6	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥1000		87.5	93.7	96.3	97.4	97.7	98.1	98.4	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥900		87.5	93.8	96.5	97.5	97.8	98.2	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥800		87.5	93.8	96.5	97.5	97.8	98.2	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥700		87.7	94.0	96.8	98.0	98.3	98.6	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥600		87.7	94.2	97.0	98.2	98.5	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥500		87.7	94.2	97.0	98.2	98.5	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥400		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥300		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥200		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥100		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥0		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		64.6	68.1	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000		73.1	77.1	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000		73.4	77.6	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000		73.6	77.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000		74.8	78.9	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 12000		76.6	80.7	82.7	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000		80.0	84.6	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 9000		80.0	84.6	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000		82.1	86.9	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000		83.0	87.8	90.2	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000		83.8	88.6	91.0	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000		84.0	88.8	91.3	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500		84.1	88.9	91.4	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000		85.2	90.0	92.6	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500		86.1	91.2	93.8	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000		86.7	91.9	94.4	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500		87.0	92.2	94.8	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000		87.3	92.6	95.2	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800		87.3	92.8	95.4	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500		88.1	93.7	96.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200		88.6	94.1	97.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		88.7	94.6	97.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900		88.7	94.7	97.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		88.8	94.9	97.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		89.0	95.1	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		89.0	95.1	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	.0	58.0	62.2	63.9	65.0	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9
≥ 20000	.0	67.3	72.1	74.1	75.4	75.7	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4
≥ 18000	.0	67.6	72.4	74.4	75.8	76.1	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8
≥ 16000	.0	67.8	72.7	74.7	76.0	76.3	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.1
≥ 14000	.0	69.2	74.1	76.1	77.5	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.6	78.6
≥ 12000	.0	71.1	76.1	78.3	79.7	80.0	80.4	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9
≥ 10000	.0	74.7	80.0	82.4	83.9	84.3	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1
≥ 9000	.0	75.0	80.4	82.9	84.4	84.8	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6
≥ 8000	.0	76.9	82.6	85.3	86.9	87.3	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1
≥ 7000	.0	76.0	83.7	86.4	88.0	88.4	88.9	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 6000	.0	78.5	84.3	87.1	88.7	89.1	89.6	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1
≥ 5000	.0	78.9	84.8	87.6	89.3	89.7	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6
≥ 4500	.0	79.1	85.0	87.8	89.5	89.9	90.4	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.9
≥ 4000	.0	79.9	85.8	88.6	90.4	90.8	91.3	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.8	91.8
≥ 3500	.0	80.4	86.5	89.3	91.1	91.6	92.1	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
≥ 3000	.0	81.3	87.4	90.3	92.2	92.6	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6
≥ 2500	.0	81.7	88.1	90.9	92.8	93.2	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.3	94.3
≥ 2000	.0	82.6	89.0	92.0	94.0	94.4	95.0	95.2	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5
≥ 1800	.0	82.8	89.2	92.2	94.2	94.7	95.2	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.8	95.8
≥ 1500	.0	83.4	89.9	93.0	95.0	95.5	96.1	96.3	96.3	96.4	96.5	96.5	96.5	96.6	96.6	96.6
≥ 1200	.0	83.9	90.5	93.8	95.9	96.4	97.0	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1000	.0	84.2	90.9	94.2	96.3	96.8	97.4	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥ 900	.0	84.3	91.0	94.3	96.4	97.0	97.6	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.2	98.2
≥ 800	.0	84.4	91.2	94.5	96.6	97.2	97.9	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.5	98.5
≥ 700	.0	84.5	91.4	94.7	96.9	97.5	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 600	.0	84.5	91.4	94.8	97.0	97.6	98.2	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9
≥ 500	.0	84.6	91.6	94.9	97.1	97.7	98.4	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1
≥ 400	.0	84.6	91.6	95.0	97.3	97.9	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3
≥ 300	.0	84.7	91.7	95.2	97.5	98.1	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	.0	84.7	91.7	95.2	97.6	98.2	99.0	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	.0	84.7	91.7	95.2	97.6	98.2	99.0	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	.0	84.7	91.7	95.2	97.6	98.2	99.0	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7220

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,74-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		54.2	58.0	59.3	60.4	60.4	60.7	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000		61.1	65.7	67.0	68.1	68.1	68.5	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 18000		61.5	66.0	67.4	68.5	68.5	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 16000		61.5	66.0	67.4	68.5	68.5	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000		62.3	67.0	68.4	69.5	69.5	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 12000		64.6	69.5	70.9	72.0	72.0	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 10000		70.2	75.2	76.5	77.7	77.7	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 9000		70.4	75.3	76.7	77.8	77.8	78.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 8000		73.5	78.4	79.8	80.9	80.9	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 7000		74.2	79.1	80.5	81.6	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000		75.1	80.0	81.4	82.5	82.5	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 5000		75.4	80.6	82.0	83.1	83.1	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500		75.6	80.7	82.1	83.2	83.2	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 4000		76.7	82.0	83.3	84.6	84.6	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500		77.2	82.5	83.8	85.1	85.1	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3000		78.9	84.3	85.8	87.2	87.2	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500		80.2	85.7	87.2	88.5	88.5	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2000		82.0	87.5	89.3	90.6	90.6	91.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800		82.1	87.7	89.4	90.7	90.7	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1500		83.7	89.5	91.2	92.6	92.6	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200		84.4	90.2	92.0	93.3	93.3	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000		86.0	92.1	94.0	95.4	95.4	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900		86.2	92.5	94.3	95.8	95.8	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 800		86.7	93.0	94.9	96.4	96.4	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700		86.9	93.3	95.3	96.8	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 600		87.4	93.8	95.8	97.3	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500		87.5	94.4	96.4	97.9	98.0	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 400		87.5	94.7	96.7	98.3	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		87.5	94.7	96.7	98.3	98.6	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 200		87.5	94.7	96.7	98.3	98.6	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100		87.5	94.7	96.7	98.3	98.6	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 0		87.5	94.7	96.7	98.3	98.6	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 81

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,74-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		52.6	59.8	62.0	63.3	64.2	64.8	65.4	65.4	66.2	66.2	66.2	66.9	67.0	67.2	67.3
≥ 20000		58.1	65.6	68.0	69.4	70.2	71.1	71.7	71.7	72.5	72.5	72.5	73.2	73.3	73.5	73.6
≥ 18000		58.1	65.6	68.0	69.4	70.2	71.1	71.7	71.7	72.5	72.5	72.5	73.2	73.3	73.5	73.6
≥ 16000		58.1	65.6	68.0	69.4	70.2	71.1	71.7	71.7	72.5	72.5	72.5	73.2	73.3	73.5	73.6
≥ 14000		58.4	65.8	68.3	69.6	70.5	71.4	72.0	72.0	72.7	72.7	72.7	73.5	73.6	73.7	73.8
≥ 12000		59.6	67.0	69.8	71.2	72.1	73.0	73.6	73.6	74.3	74.3	74.3	75.1	75.2	75.3	75.4
≥ 10000		62.8	70.4	73.1	74.6	75.4	76.3	76.9	76.9	77.7	77.7	77.7	78.4	78.5	78.6	78.8
≥ 9000		63.2	70.7	73.5	74.9	75.8	76.7	77.3	77.3	78.0	78.0	78.0	78.8	78.9	79.0	79.1
≥ 8000		65.1	72.7	75.4	76.9	77.8	78.6	79.3	79.3	80.0	80.0	80.0	80.7	80.9	81.0	81.1
≥ 7000		66.0	73.7	76.4	77.9	78.8	79.6	80.2	80.2	81.0	81.0	81.0	81.7	81.9	82.0	82.1
≥ 6000		66.3	74.1	76.8	78.4	79.3	80.1	80.7	80.7	81.5	81.5	81.5	82.2	82.3	82.5	82.6
≥ 5000		66.7	74.6	77.3	79.0	79.9	80.7	81.4	81.4	82.1	82.1	82.1	82.8	83.0	83.1	83.2
≥ 4500		66.7	74.6	77.3	79.0	79.9	80.7	81.4	81.4	82.1	82.1	82.1	82.8	83.0	83.1	83.2
≥ 4000		67.4	75.6	78.3	80.1	81.0	81.9	82.5	82.5	83.2	83.2	83.2	84.0	84.1	84.2	84.3
≥ 3500		68.1	76.3	79.1	81.0	81.9	82.7	83.3	83.3	84.1	84.1	84.1	84.8	84.9	85.1	85.2
≥ 3000		68.9	77.2	80.2	82.1	83.0	83.8	84.6	84.6	85.3	85.3	85.3	86.0	86.2	86.3	86.4
≥ 2500		69.0	77.3	80.4	82.2	83.1	84.0	84.7	84.7	85.4	85.4	85.4	86.2	86.3	86.4	86.5
≥ 2000		70.7	79.3	82.5	84.4	85.4	86.3	87.0	87.0	87.8	87.8	87.8	88.5	88.6	88.8	88.9
≥ 1800		71.2	79.8	83.0	84.9	85.9	86.8	87.5	87.5	88.3	88.3	88.3	89.0	89.1	89.3	89.4
≥ 1500		71.7	80.2	83.5	85.4	86.4	87.3	88.0	88.0	88.8	88.8	88.8	89.5	89.6	89.8	89.9
≥ 1200		72.3	80.9	84.1	86.0	87.0	87.9	88.6	88.6	89.4	89.4	89.4	90.1	90.2	90.4	90.5
≥ 1000		73.1	82.0	85.2	87.2	88.1	89.0	90.0	90.0	90.7	90.7	90.7	91.5	91.6	91.7	91.9
≥ 900		73.1	82.1	85.3	87.3	88.3	89.1	90.1	90.1	90.9	90.9	90.9	91.6	91.7	91.9	92.0
≥ 800		73.2	82.2	85.6	87.8	88.8	89.8	90.7	90.7	91.5	91.5	91.5	92.2	92.3	92.5	92.6
≥ 700		73.6	82.8	86.2	88.4	89.4	90.4	91.4	91.4	92.1	92.1	92.1	92.8	93.0	93.1	93.2
≥ 600		74.3	83.7	87.0	89.3	90.2	91.2	92.2	92.2	93.0	93.0	93.0	93.7	93.8	94.0	94.1
≥ 500		75.2	85.1	88.8	91.1	92.1	93.2	94.2	94.2	94.9	94.9	94.9	95.7	95.8	95.9	96.0
≥ 400		75.9	85.9	89.8	92.1	93.2	94.4	95.4	95.4	96.3	96.3	96.3	97.0	97.2	97.3	97.4
≥ 300		75.9	85.9	89.9	92.3	93.6	94.9	95.9	96.2	97.2	97.2	97.2	97.9	98.0	98.1	98.3
≥ 200		75.9	85.9	89.9	92.6	93.8	95.3	96.5	96.8	97.9	98.0	98.0	98.8	98.9	99.1	99.4
≥ 100		75.9	85.9	89.9	92.6	93.8	95.3	96.5	96.8	98.1	98.4	98.4	99.1	99.3	99.8	100.0
≥ 0		75.9	85.9	89.9	92.6	93.8	95.3	96.5	96.8	98.1	98.4	98.4	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.6	37.3	43.7	48.3	50.8	53.2	54.2	54.8	55.0	55.3	55.3	55.8	55.8	56.3	56.8	
≥ 20000	35.9	45.2	52.0	57.0	59.8	62.2	63.2	63.8	64.2	64.6	64.6	65.2	65.2	65.8	66.3	
IV 18000	36.2	45.6	52.3	57.3	60.1	62.6	63.6	64.1	64.6	64.9	64.9	65.6	65.6	66.1	66.7	
IV 16000	36.2	45.6	52.3	57.3	60.1	62.6	63.6	64.1	64.6	64.9	64.9	65.6	65.6	66.1	66.7	
IV 14000	36.9	46.3	53.1	58.1	60.9	63.3	64.3	65.0	65.4	65.8	65.8	66.4	66.4	67.0	67.6	
IV 12000	38.8	48.6	55.3	60.6	63.3	65.8	66.8	67.4	67.9	68.2	68.2	68.9	68.9	69.4	70.0	
IV 10000	43.7	53.9	60.8	66.1	68.9	71.6	72.7	73.3	73.8	74.2	74.2	74.9	74.9	75.4	76.0	
IV 9000	44.3	54.6	61.4	66.8	69.6	72.2	73.3	74.0	74.4	74.9	74.9	75.6	75.6	76.1	76.7	
IV 8000	45.4	56.3	63.4	69.1	71.9	74.7	75.8	76.7	77.1	77.6	77.6	78.2	78.2	78.8	79.3	
IV 7000	46.2	57.3	64.4	70.3	73.1	75.9	77.1	78.1	78.6	79.0	79.0	79.7	79.7	80.2	80.8	
IV 6000	46.3	57.4	64.7	70.6	73.3	76.3	77.6	78.7	79.1	79.6	79.6	80.2	80.2	80.8	81.3	
IV 5000	47.2	58.4	65.8	71.7	74.6	77.6	78.8	79.9	80.3	80.8	80.8	81.4	81.4	82.0	82.6	
IV 4500	47.4	58.7	66.0	71.9	74.8	77.8	79.0	80.1	80.6	81.0	81.0	81.7	81.7	82.2	82.8	
IV 4000	47.9	59.1	66.6	72.6	75.4	78.6	79.9	81.0	81.4	81.9	81.9	82.6	82.6	83.1	83.7	
IV 3500	48.4	59.7	67.1	73.1	76.0	79.1	80.6	81.7	82.1	82.6	82.6	83.2	83.2	83.8	84.3	
IV 3000	49.1	60.6	68.0	74.1	77.0	80.1	81.6	82.7	83.1	83.6	83.6	84.2	84.2	84.8	85.3	
IV 2500	49.6	61.2	68.7	75.0	77.9	81.0	82.4	83.6	84.0	84.4	84.4	85.2	85.2	85.8	86.3	
IV 2000	50.7	62.8	70.4	76.9	80.0	83.1	84.6	85.7	86.1	86.6	86.6	87.3	87.3	87.9	88.4	
IV 1800	50.9	63.0	70.8	77.1	80.3	83.4	84.9	86.0	86.4	86.9	86.9	87.7	87.7	88.2	88.8	
IV 1500	51.2	63.6	71.3	77.9	81.1	84.3	85.8	86.9	87.3	87.8	87.8	88.6	88.6	89.1	89.7	
IV 1200	51.4	63.9	71.7	78.2	81.4	84.7	86.1	87.2	87.7	88.1	88.1	88.9	88.9	89.4	90.0	
IV 1000	52.1	64.6	72.3	79.1	82.3	85.6	87.0	88.1	88.6	89.0	89.0	89.8	89.8	90.3	90.9	
IV 900	52.3	64.9	72.7	79.4	82.7	85.9	87.3	88.4	88.9	89.3	89.3	90.1	90.1	90.7	91.2	
IV 800	52.7	65.6	73.6	80.6	83.8	87.0	88.4	89.6	90.0	90.4	90.4	91.2	91.2	91.8	92.3	
IV 700	53.4	66.7	74.7	81.7	85.0	88.3	89.9	91.1	91.6	92.0	92.0	92.8	92.8	93.3	93.9	
IV 600	53.9	67.3	75.6	82.6	85.9	89.3	90.9	92.1	92.7	93.1	93.1	93.9	93.9	94.4	95.0	
IV 500	54.6	68.1	77.0	84.2	87.9	91.3	93.0	94.2	94.8	95.2	95.2	96.0	96.0	96.6	97.1	
IV 400	54.8	68.6	77.4	85.0	88.8	92.3	94.1	95.3	95.9	96.3	96.3	97.1	97.1	97.7	98.2	
IV 300	54.9	68.7	77.6	85.3	89.1	92.6	94.6	96.0	96.6	97.0	97.0	97.8	97.8	98.3	98.9	
IV 200	55.0	68.8	77.7	85.4	89.2	92.9	94.7	96.2	97.0	97.7	97.7	98.4	98.4	99.1	99.7	
IV 100	55.0	68.8	77.7	85.4	89.2	92.9	94.7	96.3	97.2	97.9	97.9	98.8	98.8	99.4	100.0	
IV 0	55.0	68.8	77.7	85.4	89.2	92.9	94.7	96.3	97.2	97.9	97.9	98.8	98.8	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000		47.9	53.0	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 18000		56.2	61.7	63.6	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 16000		56.4	61.9	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 14000		56.8	62.2	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 12000		58.2	63.9	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 10000		60.2	66.0	67.9	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 9000		66.0	72.1	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 8000		66.2	72.4	74.7	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 7000		68.6	75.3	78.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 6000		70.6	77.3	80.0	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 5000		71.6	78.4	81.1	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4500		72.6	79.4	82.1	83.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 4000		72.9	79.8	82.4	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 3500		73.4	80.3	83.1	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3000		74.7	81.6	84.3	85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 2500		75.9	83.1	85.9	87.4	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 2000		76.3	83.8	86.6	88.3	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1800		77.6	85.4	88.3	90.1	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1500		78.0	85.9	88.8	90.6	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1200		78.9	86.9	89.9	91.9	92.0	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1000		80.1	88.1	91.2	93.2	93.3	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 900		80.9	88.9	92.2	94.3	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 800		81.8	89.9	93.2	95.3	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 700		82.3	90.9	94.2	96.3	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600		82.9	92.0	95.7	97.8	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500		83.0	92.3	96.1	98.2	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400		83.1	92.4	96.4	98.9	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300		83.1	92.4	96.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		83.1	92.4	96.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		83.1	92.4	96.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		83.1	92.4	96.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	.1	49.3	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 18000	.1	60.7	63.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 16000	.1	61.3	64.0	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000	.1	61.7	64.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 12000	.1	63.6	66.3	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 10000	.1	65.9	68.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 9000	.1	70.6	73.6	75.0	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 8000	.1	70.9	73.9	75.3	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 7000	.1	74.1	77.3	78.8	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 6000	.1	75.0	78.3	79.9	80.7	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 5000	.1	76.0	79.3	80.9	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4500	.1	77.0	80.3	81.9	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	.1	77.2	80.6	82.1	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 3500	.1	78.8	82.2	83.8	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3000	.1	79.7	83.6	85.1	85.9	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 2500	.1	81.7	85.7	87.2	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000	.1	82.6	86.6	88.3	89.1	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	.1	84.7	89.0	90.9	92.0	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1600	.1	85.0	89.4	91.3	92.4	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	.1	86.1	90.7	92.6	93.7	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200	.1	87.7	92.6	94.6	95.7	95.7	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	.1	88.8	93.9	96.1	97.2	97.2	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	.1	88.9	94.1	96.4	97.6	97.6	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	.1	89.0	94.4	96.9	98.0	98.0	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	.1	89.4	95.2	97.8	98.9	99.0	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	.1	89.6	95.3	97.9	99.0	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		48.2	50.2	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000		63.1	65.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2
≥ 18000		63.4	66.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6
IV 16000		63.7	66.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
IV 14000		65.3	67.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6
IV 12000		67.3	70.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7
IV 10000		74.3	77.3	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1
IV 9000		74.7	77.7	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6
IV 8000		77.9	81.2	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7
IV 7000		79.2	82.6	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
IV 6000		79.8	83.1	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7
IV 5000		81.2	84.7	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
IV 4500		81.4	84.9	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
IV 4000		82.6	86.1	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
IV 3500		83.7	87.2	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9
IV 3000		84.9	88.4	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3
IV 2500		85.2	89.0	91.3	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9
IV 2000		86.2	90.3	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.4
IV 1800		86.4	90.6	93.1	93.3	93.3	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.7	93.7	93.7
IV 1500		87.4	91.7	94.3	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IV 1200		88.7	93.3	96.1	96.3	96.3	96.4	96.6	96.6	96.7	96.8	96.8	96.8	97.0	97.0	97.0
IV 1000		89.2	93.9	96.9	97.1	97.1	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8
IV 900		90.2	95.2	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4
IV 800		90.3	95.3	98.6	98.8	98.8	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7
IV 700		90.3	95.3	98.6	98.8	98.8	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7
IV 600		90.4	95.6	98.8	99.0	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9
IV 500		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 400		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 300		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 200		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 100		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 0		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		50.9	54.9	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 18000		63.0	67.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 16000		63.2	67.8	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 14000		63.4	68.0	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 12000		64.6	69.1	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000		66.0	70.8	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 9000		70.7	76.2	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 8000		71.1	76.8	78.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 7000		74.4	80.3	82.0	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000		75.0	81.0	82.7	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000		75.3	81.4	83.1	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 4500		76.4	82.9	84.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4000		76.7	83.1	85.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3500		77.3	83.9	85.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3000		78.8	85.4	87.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2500		80.8	87.6	89.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000		82.2	89.1	91.1	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1800		83.2	90.3	92.4	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500		83.2	90.3	92.4	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1200		84.1	91.2	93.4	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1000		84.7	92.1	94.7	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 900		85.9	93.4	96.0	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800		86.4	94.0	96.6	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700		85.8	94.4	97.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600		86.9	94.6	97.2	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500		86.9	94.6	97.2	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400		86.9	94.6	97.3	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 300		86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200		86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100		86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0		86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-87

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		55.7	60.0	61.1	61.4	61.4	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000		64.9	69.8	71.0	71.3	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 18000		65.2	70.2	71.5	71.7	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 16000		65.2	70.2	71.5	71.7	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 14000		66.2	71.4	72.6	72.9	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 12000		67.6	73.0	74.3	74.5	74.5	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 10000		70.8	76.2	77.5	77.7	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 9000		71.3	76.7	77.9	78.2	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 8000		74.4	79.8	81.0	81.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 7000		75.1	80.7	82.0	82.2	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 6000		75.9	81.6	82.9	83.1	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000		77.5	83.6	84.8	85.1	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500		77.6	83.8	85.1	85.3	85.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4000		78.7	85.2	86.6	86.9	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3500		79.4	85.9	87.2	87.6	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000		81.4	87.8	89.3	89.7	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500		82.6	89.1	90.6	90.9	90.9	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000		84.3	90.8	92.3	92.6	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800		84.4	90.9	92.4	92.8	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1500		85.7	92.4	94.0	94.4	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200		86.6	93.3	95.1	95.4	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000		87.4	94.3	96.2	96.6	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900		88.5	95.4	97.4	97.7	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800		89.0	95.9	97.8	98.2	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700		89.2	96.1	98.0	98.4	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600		89.2	96.1	98.2	98.5	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500		89.3	96.3	98.4	98.7	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400		89.3	96.3	98.4	98.9	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300		89.3	96.3	98.4	99.0	99.0	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200		89.3	96.3	98.4	99.0	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		89.3	96.3	98.4	99.0	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		89.3	96.3	98.4	99.0	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 870

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-87

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.0	48.4	53.0	54.9	55.9	56.3	56.8	57.0	57.1	57.2	57.3	57.3	57.4	57.4	57.5	57.6
≥ 20000	.0	57.8	63.0	65.2	66.3	66.8	67.3	67.5	67.6	67.8	67.8	67.8	68.0	68.0	68.1	68.2
IN 18000	.0	58.1	63.3	65.5	66.7	67.1	67.6	67.9	68.0	68.1	68.2	68.2	68.4	68.4	68.5	68.5
IN 16000	.0	58.3	63.4	65.7	66.8	67.3	67.8	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.6	68.7
IN 14000	.0	59.4	64.6	66.9	68.0	68.5	69.0	69.3	69.4	69.5	69.6	69.6	69.7	69.8	69.8	69.9
IN 12000	.0	61.2	66.6	68.9	70.1	70.6	71.1	71.3	71.4	71.6	71.6	71.6	71.8	71.8	71.9	72.0
IN 10000	.0	66.1	71.8	74.2	75.4	75.9	76.4	76.7	76.8	77.0	77.0	77.0	77.2	77.2	77.3	77.4
IN 7000	.0	66.5	72.2	74.6	75.9	76.4	76.9	77.2	77.3	77.5	77.5	77.5	77.7	77.7	77.8	77.9
IN 8000	.0	69.1	75.2	77.7	79.1	79.6	80.2	80.5	80.6	80.8	80.8	80.8	81.0	81.0	81.1	81.2
IN 7000	.0	70.1	76.2	78.8	80.3	80.8	81.4	81.7	81.8	82.0	82.0	82.0	82.2	82.2	82.3	82.4
IN 6000	.0	70.8	76.9	79.5	81.0	81.5	82.1	82.4	82.6	82.7	82.8	82.8	83.0	83.0	83.1	83.2
IN 5000	.0	71.7	78.1	80.7	82.2	82.7	83.4	83.7	83.8	84.0	84.1	84.1	84.2	84.3	84.3	84.4
IN 4500	.0	71.9	78.3	80.9	82.4	82.9	83.6	83.9	84.0	84.2	84.3	84.3	84.4	84.5	84.5	84.6
IN 4000	.0	72.8	79.3	82.0	83.6	84.1	84.7	85.1	85.2	85.4	85.5	85.5	85.6	85.7	85.7	85.8
IN 3500	.0	73.7	80.3	83.0	84.6	85.1	85.8	86.1	86.3	86.4	86.5	86.5	86.7	86.7	86.8	86.8
IN 3000	.0	75.2	81.8	84.6	86.3	86.8	87.5	87.8	88.0	88.1	88.2	88.2	88.4	88.4	88.5	88.6
IN 2500	.0	76.0	82.7	85.5	87.3	87.8	88.5	88.8	89.0	89.2	89.2	89.2	89.4	89.4	89.5	89.6
IN 2000	.0	77.4	84.4	87.4	89.2	89.8	90.4	90.8	91.0	91.1	91.2	91.2	91.4	91.4	91.5	91.6
IN 1800	.0	77.7	84.7	87.7	89.5	90.0	90.7	91.1	91.2	91.4	91.5	91.5	91.7	91.7	91.8	91.9
IN 1500	.0	78.6	85.8	88.8	90.7	91.2	91.9	92.3	92.5	92.7	92.7	92.7	92.9	92.9	93.0	93.1
IN 1200	.0	79.5	86.8	89.9	91.9	92.4	93.2	93.6	93.7	93.9	94.0	94.0	94.2	94.2	94.3	94.4
IN 1000	.0	80.4	87.9	91.1	93.1	93.7	94.4	94.8	95.0	95.2	95.3	95.3	95.5	95.5	95.6	95.7
IN 900	.0	80.9	88.5	91.8	93.8	94.4	95.2	95.6	95.7	95.9	96.0	96.0	96.2	96.2	96.3	96.4
IN 800	.0	81.2	89.0	92.3	94.4	95.0	95.8	96.2	96.4	96.6	96.6	96.6	96.9	96.9	97.0	97.0
IN 700	.0	81.6	89.5	93.0	95.0	95.6	96.4	96.9	97.1	97.3	97.3	97.3	97.5	97.6	97.6	97.7
IN 600	.0	81.8	89.8	93.3	95.4	96.0	96.8	97.3	97.5	97.7	97.8	97.8	98.0	98.0	98.1	98.2
IN 500	.0	82.1	90.2	93.9	96.1	96.7	97.6	98.0	98.2	98.5	98.5	98.5	98.7	98.8	98.8	98.9
IN 400	.0	82.2	90.4	94.1	96.3	97.1	97.9	98.4	98.6	98.9	98.9	98.9	99.2	99.2	99.3	99.4
IN 300	.0	82.2	90.4	94.1	96.4	97.2	98.1	98.6	98.8	99.1	99.2	99.2	99.4	99.4	99.5	99.6
IN 200	.0	82.2	90.4	94.1	96.5	97.2	98.2	98.7	98.9	99.2	99.4	99.4	99.6	99.7	99.8	99.9
IN 100	.0	82.2	90.4	94.1	96.5	97.2	98.2	98.7	99.0	99.3	99.5	99.5	99.7	99.8	99.9	100.0
IN 0	.0	82.2	90.4	94.1	96.5	97.2	98.2	98.7	99.0	99.3	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6990

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 74-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		66.5	71.2	73.1	74.2	74.2	74.4	74.5	74.6	75.1	75.2	75.2	75.4	75.4	75.7	76.1
≥ 20000		68.9	73.6	75.7	76.8	76.8	77.2	77.4	77.5	78.0	78.1	78.1	78.2	78.2	78.6	78.9
IV 18000		69.1	73.8	76.0	77.0	77.0	77.4	77.6	77.8	78.2	78.3	78.3	78.5	78.5	78.8	79.2
IV 16000		69.5	74.2	76.3	77.4	77.4	77.8	78.0	78.1	78.6	78.7	78.7	78.8	78.8	79.2	79.5
IV 14000		69.6	74.3	76.6	77.6	77.6	78.0	78.2	78.3	78.8	78.9	78.9	79.1	79.1	79.4	79.8
IV 12000		70.6	75.2	77.5	78.6	78.6	78.9	79.2	79.3	79.8	79.9	79.9	80.0	80.0	80.4	80.7
IV 10000		73.7	78.3	80.6	81.8	81.8	82.3	82.5	82.7	83.1	83.4	83.4	83.5	83.5	83.9	84.2
IV 9000		73.8	78.6	81.0	82.3	82.3	82.8	83.0	83.1	83.6	83.9	83.9	84.0	84.0	84.3	84.7
IV 8000		75.7	80.7	83.1	84.4	84.4	84.9	85.2	85.3	85.8	86.0	86.0	86.1	86.1	86.5	86.8
IV 7000		76.8	81.8	84.2	85.5	85.5	86.0	86.2	86.4	86.8	87.1	87.1	87.2	87.2	87.6	87.9
IV 6000		77.0	82.1	84.4	85.8	85.8	86.2	86.5	86.6	87.1	87.3	87.3	87.4	87.4	87.8	88.2
IV 5000		78.3	83.4	85.8	87.1	87.1	87.6	87.8	87.9	88.4	88.6	88.6	88.8	88.8	89.1	89.5
IV 4500		78.3	83.5	85.9	87.2	87.2	87.7	87.9	88.0	88.5	88.8	88.8	88.9	88.9	89.2	89.6
IV 4000		79.3	84.6	87.0	88.3	88.3	88.5	89.1	89.4	89.5	90.0	90.2	90.3	90.3	90.7	91.0
IV 3500		79.8	85.0	87.6	89.0	89.2	89.8	90.1	90.2	90.7	90.9	90.9	91.0	91.0	91.4	91.7
IV 3000		80.6	86.0	88.5	90.0	90.2	90.8	91.0	91.1	91.6	91.9	91.9	92.0	92.0	92.3	92.7
IV 2500		81.2	86.7	89.2	90.7	90.9	91.5	91.7	91.9	92.3	92.6	92.6	92.7	92.7	93.1	93.4
IV 2000		82.1	87.6	90.1	91.5	91.7	92.5	92.7	92.8	93.3	93.5	93.5	93.7	93.7	94.0	94.4
IV 1800		82.2	87.7	90.2	91.6	91.9	92.6	92.8	92.9	93.4	93.7	93.7	93.8	93.8	94.1	94.5
IV 1500		82.3	87.8	90.3	91.7	92.0	92.7	92.9	93.1	93.5	93.8	93.8	93.9	93.9	94.3	94.6
IV 1200		83.4	88.9	91.5	93.2	93.4	94.1	94.4	94.5	95.0	95.2	95.2	95.3	95.3	95.7	96.1
IV 1000		83.5	89.0	91.6	93.3	93.5	94.3	94.5	94.6	95.1	95.3	95.3	95.5	95.5	95.8	96.2
IV 900		83.7	89.4	92.0	93.7	93.9	94.6	94.9	95.0	95.5	95.7	95.7	95.8	95.8	96.2	96.5
IV 800		84.2	89.8	92.5	94.1	94.4	95.1	95.3	95.5	95.9	96.2	96.2	96.3	96.3	96.7	97.0
IV 700		84.2	89.8	92.5	94.1	94.4	95.1	95.3	95.5	95.9	96.2	96.2	96.3	96.3	96.7	97.0
IV 600		84.4	90.1	92.8	94.5	94.7	95.5	95.7	95.8	96.3	96.5	96.5	96.7	96.7	97.0	97.4
IV 500		84.8	90.6	93.3	95.0	95.2	95.9	96.2	96.3	96.8	97.0	97.0	97.1	97.1	97.5	97.8
IV 400		85.3	91.0	93.9	95.6	95.8	96.7	96.9	97.1	97.7	98.0	98.0	98.1	98.1	98.4	98.8
IV 300		85.3	91.0	94.0	95.7	95.9	96.9	97.1	97.4	98.0	98.2	98.2	98.3	98.4	98.8	99.2
IV 200		85.3	91.0	94.0	95.7	95.9	96.9	97.1	97.6	98.3	98.6	98.6	98.7	98.8	99.2	99.6
IV 100		85.3	91.0	94.0	95.8	96.1	97.0	97.2	97.7	98.4	98.7	98.7	98.8	98.9	99.3	100.0
IV 0		85.3	91.0	94.0	95.8	96.1	97.0	97.2	97.7	98.4	98.7	98.7	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

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YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		60.7	62.9	65.2	66.8	67.5	68.4	69.2	69.3	70.2	70.6	70.8	71.1	71.2	71.5	71.8
≥ 20000		62.5	64.8	67.2	68.9	69.6	70.5	71.4	71.5	72.3	72.8	72.9	73.4	73.5	73.7	74.1
≥ 18000		62.5	64.8	67.3	69.7	69.7	70.6	71.5	71.6	72.4	72.9	73.0	73.5	73.6	73.9	74.2
≥ 16000		62.5	64.8	67.3	69.0	69.7	70.6	71.5	71.6	72.4	72.9	73.0	73.5	73.6	73.9	74.2
≥ 14000		62.6	64.9	67.5	69.2	69.9	70.9	71.7	71.8	72.7	73.2	73.3	73.7	73.9	74.1	74.5
≥ 12000		63.5	65.8	68.7	70.4	71.1	72.1	72.9	73.0	73.9	74.3	74.5	74.9	75.1	75.3	75.7
≥ 10000		65.5	67.8	71.2	73.0	73.7	74.7	75.7	75.8	76.6	77.1	77.2	77.7	77.8	78.0	78.4
≥ 9000		65.6	68.0	71.5	73.3	74.0	74.9	75.9	76.0	76.8	77.3	77.4	77.9	78.0	78.3	78.6
≥ 8000		68.4	71.2	74.9	76.7	77.4	78.4	79.4	79.5	80.4	80.9	81.0	81.5	81.6	81.9	82.2
≥ 7000		69.1	72.2	75.9	77.7	78.4	79.4	80.3	80.4	81.4	81.9	82.0	82.5	82.6	82.8	83.2
≥ 6000		69.1	72.2	76.4	78.2	78.9	79.8	80.8	80.9	81.9	82.3	82.5	82.9	83.1	83.3	83.7
≥ 5000		70.4	73.6	77.9	79.7	80.4	81.4	82.3	82.5	83.4	83.9	84.0	84.5	84.6	84.8	85.2
≥ 4500		70.5	73.7	78.0	79.8	80.5	81.5	82.5	82.6	83.5	84.0	84.1	84.6	84.7	85.0	85.3
≥ 4000		71.7	74.9	79.4	81.1	82.2	83.2	84.1	84.2	85.2	85.7	85.8	86.3	86.4	86.6	87.0
≥ 3500		72.4	75.8	80.2	82.0	83.2	84.1	85.1	85.2	86.2	86.6	86.8	87.2	87.4	87.6	87.9
≥ 3000		73.9	77.4	82.0	83.9	85.1	86.0	87.0	87.1	88.1	88.5	88.7	89.1	89.3	89.5	89.9
≥ 2500		74.1	77.8	82.3	84.2	85.4	86.4	87.4	87.5	88.4	88.9	89.0	89.5	89.6	89.9	90.2
≥ 2000		74.9	78.6	83.2	85.2	86.4	87.4	88.3	88.4	89.4	89.9	90.0	90.5	90.6	90.8	91.2
≥ 1800		75.3	79.0	83.5	85.7	86.9	87.8	88.8	88.9	89.9	90.3	90.5	90.9	91.1	91.3	91.6
≥ 1500		75.8	79.5	84.0	86.2	87.4	88.3	89.3	89.4	90.3	90.8	90.9	91.4	91.5	91.8	92.1
≥ 1200		76.8	80.5	85.1	87.5	88.7	89.6	90.6	90.7	91.6	92.1	92.2	92.7	92.8	93.1	93.4
≥ 1000		77.6	81.3	85.8	88.3	89.5	90.6	91.5	91.6	92.7	93.2	93.3	93.8	93.9	94.2	94.5
≥ 900		78.0	81.7	86.3	88.9	90.1	91.3	92.2	92.4	93.4	93.9	94.0	94.5	94.6	94.9	95.2
≥ 800		78.6	82.5	87.0	89.7	90.9	92.1	93.1	93.2	94.3	94.7	94.9	95.3	95.5	95.7	96.1
≥ 700		79.0	83.1	87.7	90.5	91.8	93.0	93.9	94.0	95.1	95.6	95.7	96.2	96.3	96.5	96.9
≥ 600		79.2	83.3	87.9	90.7	92.0	93.2	94.2	94.3	95.3	95.8	95.9	96.4	96.5	96.8	97.1
≥ 500		79.2	83.4	88.1	90.9	92.2	93.7	94.6	94.7	95.9	96.4	96.5	97.0	97.1	97.4	97.7
≥ 400		79.6	83.8	88.5	91.6	93.0	94.4	95.3	95.5	96.7	97.1	97.3	97.7	97.9	98.1	98.4
≥ 300		79.7	83.9	88.7	91.9	93.2	94.7	95.7	95.8	97.1	97.6	97.7	98.3	98.4	98.7	99.0
≥ 200		79.7	83.9	88.7	91.9	93.2	94.9	95.8	95.9	97.4	97.9	98.0	98.6	98.7	98.9	99.5
≥ 100		79.7	84.0	88.8	92.0	93.3	95.0	95.9	96.1	97.5	98.0	98.1	98.7	98.8	99.0	100.0
≥ 0		79.7	84.0	88.8	92.0	93.3	95.0	95.9	96.1	97.5	98.0	98.1	98.7	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

838

USAF ETAC

FORM
JUL 54

0-14-3 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

0CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		48.0	52.7	55.6	58.5	59.4	60.9	62.0	62.5	62.8	63.3	63.4	64.0	64.6	64.8	65.0
≥ 20000		52.0	56.8	60.1	63.3	64.1	65.7	67.0	67.5	67.8	68.3	68.4	69.0	69.6	69.9	70.1
IV 18000		52.0	56.8	60.1	63.3	64.1	65.7	67.0	67.5	67.8	68.3	68.4	69.0	69.6	69.9	70.1
IV 16000		52.0	56.8	60.1	63.3	64.1	65.7	67.0	67.5	67.8	68.3	68.4	69.0	69.6	69.9	70.1
IV 14000		52.4	57.2	60.6	63.7	64.6	66.2	67.5	68.0	68.4	68.8	68.9	69.6	70.1	70.4	70.6
IV 12000		53.8	58.7	62.1	65.2	66.1	67.7	69.0	69.7	70.0	70.5	70.6	71.3	71.8	72.2	72.4
IV 10000		56.9	61.9	65.2	68.4	69.2	70.9	72.2	72.8	73.1	73.7	73.8	74.4	75.0	75.3	75.5
IV 9000		57.4	62.4	65.8	68.9	69.8	71.4	72.7	73.3	73.7	74.2	74.3	75.0	75.5	75.8	76.1
IV 8000		60.5	66.1	69.6	72.8	73.7	75.3	76.7	77.4	77.8	78.3	78.4	79.1	79.6	80.0	80.2
IV 7000		61.2	67.0	70.4	73.9	74.8	76.4	77.8	78.4	78.9	79.4	79.5	80.2	80.7	81.0	81.3
IV 6000		61.4	67.3	70.9	74.5	75.4	77.0	78.5	79.2	79.6	80.2	80.3	80.9	81.5	81.8	82.0
IV 5000		62.8	68.8	72.4	76.2	77.0	78.7	80.2	80.8	81.3	81.8	81.9	82.6	83.1	83.4	83.6
IV 4500		63.1	69.2	72.9	76.7	77.6	79.2	80.7	81.4	81.8	82.3	82.4	83.1	83.6	84.0	84.2
IV 4000		63.7	70.1	73.8	77.7	78.7	80.3	81.8	82.4	82.9	83.4	83.5	84.2	84.7	85.0	85.3
IV 3500		64.1	70.9	74.5	78.4	79.5	81.1	82.7	83.3	83.7	84.3	84.4	85.0	85.6	85.9	86.1
IV 3000	.1	65.7	72.5	76.3	80.3	81.4	83.0	84.5	85.2	85.6	86.1	86.2	86.9	87.4	87.8	88.0
IV 2500	.1	66.2	73.0	76.9	80.9	82.0	83.7	85.4	86.0	86.5	87.0	87.1	87.8	88.3	88.6	88.8
IV 2000	.1	67.0	73.8	77.7	81.7	82.8	84.6	86.2	86.9	87.3	87.9	88.0	88.7	89.3	89.6	89.8
IV 1800	.1	67.4	74.2	78.1	82.1	83.3	85.2	86.8	87.4	87.9	88.4	88.5	89.3	89.8	90.1	90.4
IV 1500	.1	67.9	74.8	78.8	83.0	84.2	86.0	87.6	88.3	88.7	89.3	89.4	90.1	90.7	91.0	91.2
IV 1200	.1	68.5	75.4	79.5	83.9	85.0	86.9	88.5	89.2	89.6	90.1	90.2	91.0	91.5	91.9	92.1
IV 1000	.1	68.8	75.7	80.1	84.5	85.9	87.9	89.5	90.1	90.6	91.1	91.2	92.0	92.5	92.8	93.1
IV 900	.1	69.3	76.3	80.8	85.4	86.8	88.7	90.4	91.0	91.4	92.0	92.1	92.8	93.4	93.7	93.9
IV 800	.1	69.3	76.4	81.1	85.8	87.2	89.2	90.9	91.5	92.0	92.5	92.6	93.4	93.9	94.3	94.5
IV 700	.1	69.6	76.7	81.5	86.1	87.5	89.5	91.3	92.0	92.4	93.0	93.1	93.8	94.4	94.7	94.9
IV 600	.1	69.9	77.1	82.0	86.8	88.2	90.2	92.1	92.7	93.2	93.7	93.8	94.6	95.1	95.6	95.8
IV 500	.1	70.1	77.4	82.3	87.2	88.6	90.7	92.5	93.2	93.6	94.1	94.3	95.0	95.6	96.0	96.2
IV 400	.1	70.4	77.8	82.8	87.8	89.3	91.7	93.5	94.1	94.6	95.2	95.3	96.1	96.6	97.1	97.3
IV 300	.1	70.6	78.1	83.1	88.2	89.7	92.1	94.0	94.8	95.4	96.1	96.2	97.1	97.6	98.0	98.3
IV 200	.1	70.6	78.1	83.1	88.2	89.7	92.1	94.4	95.1	96.0	96.7	97.0	97.9	98.6	99.2	99.7
IV 100	.1	70.6	78.1	83.1	88.2	89.7	92.2	94.5	95.2	96.2	97.0	97.2	98.2	98.8	99.5	100.0
IV 0	.1	70.6	78.1	83.1	88.2	89.7	92.2	94.5	95.2	96.2	97.0	97.2	98.2	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1717

MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-11 0
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		62.9	64.1	65.4	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000		68.3	69.7	71.0	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000		68.5	69.9	71.2	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000		68.5	69.9	71.2	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000		69.0	70.4	71.7	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000		70.8	72.4	73.7	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000		74.3	76.1	77.6	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000		74.8	76.5	78.0	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000		78.1	80.2	81.9	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000		79.2	81.3	83.1	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000		79.5	81.8	83.5	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000		80.7	83.1	84.8	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500		80.8	83.2	84.9	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000		81.4	83.9	85.7	86.2	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500		81.4	84.0	85.8	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000		81.9	84.3	86.0	87.6	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500		82.3	85.2	87.4	88.0	88.3	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000		83.1	86.1	88.2	89.1	89.5	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800		83.4	86.4	88.7	89.5	90.0	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500		84.5	87.8	90.1	91.0	91.5	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200		85.8	89.2	91.7	92.8	93.3	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000		87.4	91.2	93.6	94.7	95.4	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900		87.8	91.7	94.2	95.3	95.9	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800		88.3	92.2	94.7	95.8	96.5	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700		88.7	92.7	95.1	96.3	97.1	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		89.0	93.1	95.6	96.9	97.6	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		89.1	93.4	95.9	97.2	98.0	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		66.2	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000		74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000		75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000		75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 12000		76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000		78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000		81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000		82.3	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000		84.1	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000		86.2	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000		86.7	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500		87.7	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000		87.8	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500		88.8	89.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000		89.5	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500		91.1	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000		91.4	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800		92.2	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		92.9	93.3	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200		94.4	94.8	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000		95.4	96.1	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900		95.8	96.9	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		95.8	96.9	97.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		95.8	97.0	98.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		95.8	97.2	98.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		95.9	97.3	98.4	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		95.9	97.3	98.4	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.9	97.3	98.4	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.9	97.3	98.4	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.9	97.3	98.4	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.9	97.3	98.4	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

928

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		63.5	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000		72.0	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000		72.3	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000		72.5	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000		73.1	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000		75.1	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000		80.3	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000		81.3	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000		83.3	83.9	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000		85.2	86.0	86.1	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000		86.0	87.1	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000		87.4	88.4	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500		87.5	88.5	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000		88.8	89.8	90.0	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500		90.1	91.2	91.4	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000		91.7	93.1	93.3	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500		92.3	93.7	93.9	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000		93.7	95.2	95.4	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		93.7	95.4	95.6	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500		93.8	95.6	95.8	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200		94.7	96.8	97.0	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000		95.4	97.4	97.8	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		95.4	97.4	97.8	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		95.4	97.4	97.8	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		95.4	97.4	97.8	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600		95.4	97.8	98.3	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		95.7	98.2	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		95.7	98.2	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.7	98.2	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.7	98.2	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.7	98.2	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.7	98.2	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	.1	68.1	69.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 20000	.1	73.8	75.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000	.1	73.9	75.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	.1	74.3	75.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	.1	75.4	76.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	.1	77.2	78.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	.1	79.2	80.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	.1	79.9	81.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000	.1	82.0	83.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	.1	83.3	84.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	.1	83.9	85.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	.1	85.8	87.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	.1	86.2	87.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	.1	87.7	89.2	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	.1	88.5	90.0	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	.1	90.4	91.9	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	.1	91.4	93.2	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	.1	92.7	94.5	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	.1	92.7	94.5	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	.1	93.1	94.9	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	.1	93.5	95.4	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	.1	94.2	96.0	97.6	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	.1	94.4	96.2	97.8	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	.1	94.5	96.3	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	.1	94.5	96.5	98.1	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	.1	94.6	96.6	98.2	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	.1	94.7	96.7	98.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		71.4	73.0	74.2	74.6	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 20000		75.4	77.0	78.3	78.7	78.8	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 18000		75.5	77.1	78.5	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 16000		75.7	77.4	79.0	79.4	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.0	80.0
≥ 14000		76.4	78.1	79.6	80.1	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6
≥ 12000		78.0	79.6	81.3	81.7	81.8	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3
≥ 10000		79.7	81.4	83.1	83.5	83.6	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.2
≥ 9000		80.8	82.5	84.2	84.6	84.7	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.3	85.3
≥ 8000		83.1	84.8	86.5	86.9	87.0	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 7000		84.7	86.6	88.3	88.7	88.8	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4
≥ 6000		85.0	86.9	88.6	89.0	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 5000		86.4	88.3	89.9	90.4	90.5	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0
≥ 4500		86.5	88.4	90.0	90.5	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 4000		87.6	89.6	91.3	91.7	91.9	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5
≥ 3500		88.2	90.4	92.0	92.5	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
≥ 3000		89.0	91.3	92.9	93.5	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 2500		89.8	92.0	93.7	94.2	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 2000		90.6	92.8	94.5	95.0	95.2	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 1800		90.7	92.9	94.6	95.1	95.3	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 1500		91.0	93.2	94.9	95.5	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5
≥ 1200		91.9	94.1	95.9	96.6	96.8	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1000		92.4	94.6	96.3	97.0	97.2	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 900		92.5	94.7	96.5	97.1	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 800		92.6	95.0	96.8	97.5	97.7	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 700		92.9	95.1	96.9	97.7	97.9	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 600		93.0	95.2	97.0	97.8	98.0	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 500		93.1	95.3	97.1	98.1	98.3	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 400		93.1	95.3	97.1	98.1	98.3	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 300		93.1	95.3	97.1	98.1	98.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 200		93.1	95.3	97.1	98.1	98.3	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0
≥ 100		93.1	95.3	97.1	98.1	98.3	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0
≥ 0		93.1	95.3	97.1	98.1	98.3	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.0	63.4	65.3	66.7	67.6	67.8	68.1	68.4	68.5	68.7	68.8	68.9	69.0	69.1	69.2	69.3
≥ 20000	.0	68.5	70.5	72.0	72.9	73.2	73.5	73.8	73.9	74.1	74.3	74.3	74.4	74.5	74.7	74.8
≥ 18000	.0	68.7	70.7	72.2	73.1	73.3	73.7	74.0	74.1	74.3	74.4	74.5	74.6	74.7	74.8	74.9
≥ 16000	.0	68.9	70.9	72.4	73.3	73.5	73.9	74.2	74.3	74.5	74.7	74.7	74.8	74.9	75.0	75.1
≥ 14000	.0	69.4	71.4	73.0	73.9	74.1	74.5	74.8	74.9	75.1	75.2	75.3	75.4	75.5	75.6	75.7
≥ 12000	.0	70.9	73.0	74.6	75.6	75.8	76.1	76.4	76.5	76.8	76.9	76.9	77.1	77.2	77.3	77.4
≥ 10000	.0	74.0	76.1	77.8	78.8	79.0	79.4	79.7	79.8	80.0	80.2	80.2	80.3	80.4	80.6	80.7
≥ 9000	.0	74.6	76.7	78.4	79.4	79.6	80.0	80.3	80.4	80.7	80.8	80.8	81.0	81.1	81.2	81.3
≥ 8000	.0	77.0	79.4	81.2	82.2	82.4	82.8	83.1	83.2	83.5	83.6	83.7	83.8	83.9	84.0	84.1
≥ 7000	.0	78.3	80.9	82.7	83.7	83.9	84.3	84.7	84.8	85.0	85.2	85.2	85.3	85.4	85.6	85.7
≥ 6000	.0	78.7	81.3	83.2	84.2	84.4	84.9	85.2	85.3	85.6	85.7	85.7	85.9	86.0	86.1	86.2
≥ 5000	.0	80.1	82.7	84.6	85.7	85.9	86.3	86.6	86.7	87.0	87.2	87.2	87.3	87.4	87.5	87.7
≥ 4500	.0	80.2	82.9	84.8	85.9	86.1	86.5	86.8	87.0	87.2	87.4	87.4	87.5	87.6	87.7	87.9
≥ 4000	.0	81.3	84.0	85.9	87.1	87.4	87.8	88.2	88.3	88.6	88.7	88.7	88.9	89.0	89.1	89.2
≥ 3500	.0	81.9	84.7	86.7	87.8	88.2	88.6	89.0	89.1	89.3	89.5	89.5	89.7	89.8	89.9	90.0
≥ 3000	.0	83.2	86.2	88.2	89.4	89.8	90.2	90.6	90.7	90.9	91.1	91.1	91.3	91.3	91.5	91.6
≥ 2500	.0	83.7	86.8	88.8	90.0	90.4	90.9	91.3	91.4	91.6	91.8	91.8	92.0	92.0	92.2	92.3
≥ 2000	.0	84.7	87.8	89.8	91.1	91.5	92.1	92.5	92.6	92.8	93.0	93.0	93.2	93.3	93.4	93.5
≥ 1800	.0	84.9	88.0	90.1	91.4	91.8	92.4	92.8	92.9	93.1	93.3	93.3	93.5	93.6	93.7	93.8
≥ 1500	.0	85.5	88.7	90.8	92.2	92.6	93.1	93.5	93.6	93.9	94.0	94.1	94.2	94.3	94.4	94.6
≥ 1200	.0	86.4	89.7	91.9	93.3	93.8	94.4	94.8	94.9	95.1	95.3	95.3	95.5	95.6	95.7	95.8
≥ 1000	.0	87.0	90.4	92.7	94.2	94.7	95.3	95.7	95.8	96.1	96.3	96.3	96.5	96.5	96.7	96.8
≥ 900	.0	87.3	90.7	93.0	94.6	95.0	95.7	96.1	96.2	96.5	96.6	96.6	96.8	96.8	96.9	97.1
≥ 800	.0	87.5	90.9	93.3	94.9	95.4	96.1	96.5	96.6	96.9	97.0	97.0	97.2	97.3	97.4	97.5
≥ 700	.0	87.7	91.1	93.5	95.2	95.7	96.4	96.9	97.0	97.2	97.4	97.4	97.6	97.7	97.8	97.9
≥ 600	.0	87.8	91.4	93.8	95.6	96.0	96.8	97.2	97.3	97.6	97.8	97.8	97.9	98.0	98.2	98.3
≥ 500	.0	88.0	91.6	94.1	95.9	96.4	97.2	97.7	97.8	98.1	98.2	98.2	98.4	98.5	98.6	98.7
≥ 400	.0	88.2	91.9	94.4	96.2	96.8	97.7	98.1	98.2	98.5	98.7	98.7	98.9	99.0	99.1	99.2
≥ 300	.0	88.2	91.9	94.4	96.3	96.9	97.8	98.3	98.4	98.8	98.9	99.0	99.2	99.3	99.4	99.5
≥ 200	.0	88.2	91.9	94.4	96.3	96.9	97.8	98.3	98.5	98.9	99.1	99.2	99.4	99.5	99.7	99.9
≥ 100	.0	88.2	91.9	94.4	96.4	96.9	97.9	98.4	98.6	99.0	99.2	99.2	99.3	99.6	99.7	100.0
≥ 0	.0	88.2	91.9	94.4	96.4	96.9	97.9	98.4	98.6	99.0	99.2	99.2	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7215

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,74-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		62.0	64.6	65.9	67.5	67.5	68.5	69.0	69.1	69.3	69.6	69.6	70.0	70.0	70.1	70.4
≥ 20000		64.8	67.4	68.8	70.4	70.4	71.4	71.9	72.0	72.2	72.7	72.7	73.1	73.1	73.2	73.5
≥ 18000		64.8	67.4	68.8	70.4	70.4	71.4	71.9	72.0	72.2	72.7	72.7	73.1	73.1	73.2	73.5
≥ 16000		64.8	67.4	69.0	70.6	70.6	71.6	72.1	72.2	72.5	73.0	73.0	73.3	73.3	73.5	73.7
≥ 14000		65.2	67.9	69.3	70.9	70.9	71.9	72.3	72.5	72.7	73.2	73.2	73.6	73.6	73.7	74.0
≥ 12000		65.2	69.0	70.4	72.0	72.0	73.0	73.5	73.6	73.8	74.3	74.3	74.7	74.7	74.8	75.1
≥ 10000		68.4	71.1	72.6	74.2	74.2	75.2	75.7	75.8	76.0	76.5	76.5	76.9	76.9	77.0	77.3
≥ 9000		68.8	71.3	73.0	74.6	74.6	75.6	76.0	76.2	76.4	76.9	76.9	77.3	77.3	77.4	77.7
≥ 8000		72.1	74.4	76.3	78.0	78.0	79.0	79.5	79.6	79.9	80.4	80.4	80.7	80.7	80.9	81.1
≥ 7000		72.5	75.2	76.7	78.5	78.5	79.5	80.0	80.1	80.4	80.9	80.9	81.2	81.2	81.4	81.6
≥ 6000		73.3	76.0	77.5	79.5	79.5	80.5	81.0	81.1	81.4	81.9	81.9	82.2	82.2	82.3	82.6
≥ 5000		74.8	77.7	79.1	81.1	81.1	82.1	82.6	82.7	83.0	83.5	83.5	83.8	83.8	84.0	84.2
≥ 4500		75.1	77.6	79.4	81.4	81.4	82.3	82.8	83.0	83.2	83.7	83.7	84.1	84.1	84.2	84.4
≥ 4000		76.8	79.6	81.4	83.3	83.3	84.3	84.8	84.9	85.2	85.7	85.7	86.0	86.0	86.2	86.4
≥ 3500		77.2	80.0	81.7	83.7	83.7	84.7	85.2	85.3	85.6	86.0	86.0	86.4	86.4	86.5	86.8
≥ 3000		77.8	80.6	82.3	84.6	84.6	85.6	86.0	86.2	86.4	86.9	86.9	87.3	87.3	87.4	87.7
≥ 2500		78.4	81.2	83.1	85.3	85.3	86.3	86.8	86.9	87.2	87.7	87.7	88.0	88.0	88.1	88.4
≥ 2000		79.1	82.0	83.8	86.0	86.0	87.0	87.5	87.7	87.9	88.4	88.4	88.8	88.8	88.9	89.1
≥ 1800		79.3	82.2	84.1	86.3	86.3	87.3	87.8	87.9	88.1	88.6	88.6	89.0	89.0	89.1	89.4
≥ 1500		79.9	83.0	84.8	87.2	87.2	88.4	88.9	89.0	89.3	89.8	89.8	90.1	90.1	90.2	90.5
≥ 1200		80.0	83.2	85.1	87.4	87.4	88.8	89.3	89.4	89.6	90.1	90.1	90.5	90.5	90.6	90.9
≥ 1000		80.4	83.6	85.4	87.8	87.8	89.1	89.6	89.8	90.0	90.5	90.5	90.9	90.9	91.0	91.2
≥ 900		81.1	84.3	86.2	88.6	88.6	90.0	90.5	90.6	90.9	91.4	91.4	91.7	91.7	91.9	92.1
≥ 800		81.6	84.9	86.9	89.5	89.5	90.9	91.4	91.5	91.7	92.2	92.2	92.6	92.6	92.7	93.0
≥ 700		81.7	85.3	87.5	90.1	90.1	91.5	92.0	92.1	92.3	92.8	92.8	93.2	93.2	93.3	93.6
≥ 600		82.5	86.0	88.4	91.2	91.4	92.7	93.2	93.3	93.6	94.1	94.1	94.4	94.4	94.6	94.8
≥ 500		83.0	86.7	89.1	92.3	92.5	94.0	94.4	94.6	94.8	95.3	95.3	95.7	95.7	95.8	96.0
≥ 400		83.2	86.9	89.4	93.0	93.1	94.7	95.2	95.3	95.6	96.0	96.0	96.4	96.4	96.5	96.8
≥ 300		83.3	87.2	89.6	93.2	93.3	95.2	96.0	96.2	96.4	96.9	96.9	97.4	97.4	97.5	97.8
≥ 200		83.3	87.2	89.6	93.3	93.5	95.3	96.4	96.5	96.9	97.7	97.7	98.3	98.5	98.8	99.0
≥ 100		83.3	87.2	89.6	93.3	93.5	95.3	96.7	96.8	97.2	97.9	97.9	98.6	99.1	99.6	99.9
≥ 0		83.3	87.2	89.6	93.3	93.5	95.3	96.7	96.8	97.2	97.9	97.9	98.6	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,74-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING		67.5	62.5	64.2	66.5	66.7	67.3	68.1	68.1	68.4	68.4	68.4	68.6	68.8	69.1	69.3
≥ 20000		62.3	64.4	66.3	69.0	69.1	69.8	70.6	70.6	70.9	70.9	70.9	71.1	71.2	71.6	71.7
IV 18000		62.3	64.6	66.4	69.1	69.3	69.9	70.7	70.7	71.0	71.0	71.0	71.2	71.4	71.7	71.9
IV 16000		62.3	64.6	66.4	69.1	69.3	69.9	70.7	70.7	71.0	71.0	71.0	71.2	71.4	71.7	71.9
IV 14000		62.3	64.6	66.4	69.1	69.3	69.9	70.7	70.7	71.0	71.0	71.0	71.2	71.4	71.7	71.9
IV 12000		63.7	66.0	67.9	70.6	70.7	71.4	72.2	72.2	72.5	72.5	72.5	72.7	72.8	73.2	73.3
IV 10000		65.4	67.8	69.6	72.3	72.5	73.1	74.0	74.0	74.2	74.2	74.2	74.4	74.6	75.1	75.2
IV 9000		65.6	67.9	69.8	72.5	72.6	73.2	74.1	74.1	74.3	74.3	74.3	74.6	74.7	75.2	75.3
IV 8000		67.7	70.1	72.0	74.8	74.9	75.6	76.5	76.5	76.8	76.8	76.8	77.0	77.2	77.7	77.8
IV 7000		67.9	70.5	72.3	75.2	75.3	75.9	76.9	76.9	77.2	77.2	77.2	77.4	77.5	78.0	78.1
IV 6000		69.5	72.2	74.1	76.9	77.0	77.7	78.6	78.6	78.9	78.9	78.9	79.1	79.3	79.8	79.9
IV 5000		71.4	74.1	75.9	78.8	78.9	79.5	80.5	80.5	80.9	80.9	80.9	81.2	81.4	81.9	82.0
IV 4500		71.4	74.1	75.9	78.8	78.9	79.5	80.5	80.5	80.9	80.9	80.9	81.2	81.4	81.9	82.0
IV 4000		73.2	76.0	78.0	80.9	81.0	81.6	82.7	82.7	83.1	83.1	83.1	83.5	83.6	84.1	84.2
IV 3500		73.3	76.3	78.3	81.1	81.2	81.9	83.0	83.0	83.3	83.3	83.3	83.7	83.8	84.3	84.4
IV 3000		74.3	77.7	79.9	82.7	82.8	83.5	84.6	84.6	84.9	84.9	84.9	85.3	85.4	85.9	86.0
IV 2500		74.8	78.4	80.7	83.6	83.7	84.3	85.4	85.4	85.8	85.8	85.8	86.2	86.3	86.8	86.9
IV 2000		75.8	79.5	82.2	85.1	85.2	85.9	87.0	87.0	87.4	87.4	87.4	87.8	87.9	88.4	88.5
IV 1800		75.8	79.5	82.2	85.1	85.2	85.9	87.0	87.0	87.4	87.4	87.4	87.8	87.9	88.4	88.5
IV 1500		76.3	80.1	82.8	85.7	85.8	86.5	87.7	87.7	88.0	88.0	88.0	88.4	88.5	89.0	89.1
IV 1200		77.0	80.9	83.6	86.4	86.5	87.3	88.4	88.4	88.8	88.8	88.8	89.1	89.3	89.8	89.9
IV 1000		77.3	81.1	84.0	86.8	86.9	87.9	89.0	89.0	89.4	89.4	89.4	89.8	89.9	90.4	90.5
IV 900		77.4	81.2	84.1	86.9	87.0	88.1	89.3	89.3	89.6	89.6	89.6	90.0	90.1	90.6	90.7
IV 800		78.0	81.9	84.7	87.5	87.7	88.9	90.0	90.0	90.4	90.4	90.4	90.7	90.9	91.4	91.5
IV 700		78.4	82.2	85.1	87.9	88.1	89.4	90.5	90.5	90.9	90.9	90.9	91.2	91.4	91.9	92.0
IV 600		78.6	82.6	85.4	88.6	88.9	90.1	91.2	91.2	91.6	91.6	91.6	92.0	92.1	92.6	92.7
IV 500		79.3	83.3	86.4	89.9	90.4	92.1	93.2	93.3	93.7	93.7	93.7	94.1	94.2	94.7	94.8
IV 400		79.8	83.7	86.9	90.4	91.2	93.3	94.4	94.6	95.1	95.1	95.1	95.4	95.6	96.0	96.2
IV 300		80.2	84.3	87.7	91.5	92.3	94.7	95.8	95.9	96.5	96.8	96.8	97.3	97.4	97.9	98.0
IV 200		80.2	84.3	87.7	91.5	92.3	94.7	96.0	96.2	97.3	97.8	97.8	98.3	98.4	98.9	99.0
IV 100		80.2	84.3	87.7	91.5	92.3	94.8	96.3	96.4	97.7	98.1	98.1	98.6	99.1	99.6	99.9
IV 0		80.2	84.3	87.7	91.5	92.3	94.8	96.3	96.4	97.7	98.1	98.1	98.6	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717 MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		50.3	55.5	57.9	59.8	60.3	60.7	61.6	61.7	62.1	62.8	62.8	63.0	63.0	63.3	64.1
≥ 20000		53.8	59.4	62.3	64.3	64.8	65.2	66.3	66.4	66.8	67.5	67.5	67.7	67.7	68.0	68.9
≥ 18000		53.8	59.4	62.4	64.4	64.9	65.3	66.4	66.6	66.9	67.6	67.6	67.8	67.8	68.2	69.0
≥ 16000		53.9	59.5	62.5	64.5	65.1	65.4	66.6	66.7	67.0	67.7	67.7	67.9	67.9	68.3	69.1
≥ 14000		54.0	59.8	62.8	64.7	65.3	65.6	66.8	66.9	67.2	67.9	67.9	68.2	68.2	68.5	69.3
≥ 12000		55.2	61.3	64.4	66.4	67.0	67.4	68.5	68.6	69.0	69.7	69.7	69.9	69.9	70.2	71.0
≥ 10000		57.1	63.4	66.6	68.7	69.3	69.7	70.8	70.9	71.3	72.0	72.0	72.2	72.2	72.5	73.3
≥ 9000		57.7	64.1	67.2	69.4	70.0	70.3	71.5	71.6	72.0	72.6	72.6	72.9	72.9	73.2	74.0
≥ 8000		61.0	67.6	70.8	73.2	73.8	74.3	75.5	75.7	76.1	76.8	76.8	77.0	77.0	77.4	78.2
≥ 7000		61.5	68.0	71.3	73.8	74.4	75.1	76.3	76.6	76.9	77.6	77.6	77.8	77.8	78.2	79.0
≥ 6000		62.5	69.2	72.4	74.9	75.5	76.2	77.5	77.7	78.0	78.7	78.7	79.0	79.0	79.3	80.1
≥ 5000		62.6	69.3	72.6	75.2	75.9	76.6	77.8	78.0	78.4	79.1	79.1	79.3	79.3	79.7	80.5
≥ 4500		62.8	69.5	72.9	75.4	76.1	76.9	78.2	78.4	78.7	79.4	79.4	79.7	79.7	80.0	80.8
≥ 4000		64.7	71.8	75.3	77.8	78.6	79.4	80.7	80.9	81.3	82.0	82.0	82.2	82.2	82.5	83.3
≥ 3500		65.3	72.6	76.1	78.6	79.4	80.2	81.5	81.7	82.1	82.8	82.8	83.0	83.0	83.3	84.1
≥ 3000		66.1	73.6	77.0	79.7	80.5	81.3	82.5	82.8	83.1	83.8	83.8	84.0	84.0	84.4	85.2
≥ 2500		66.4	73.9	77.6	80.2	81.0	81.8	83.1	83.3	83.7	84.4	84.4	84.6	84.6	84.9	85.7
≥ 2000		67.6	75.3	79.1	82.0	82.8	83.6	84.9	85.2	85.5	86.2	86.2	86.4	86.4	86.8	87.6
≥ 1800		67.9	75.5	79.3	82.3	83.1	83.9	85.4	85.6	86.0	86.7	86.7	86.9	86.9	87.2	88.0
≥ 1500		67.9	75.7	79.5	82.5	83.3	84.1	85.6	85.9	86.2	86.9	86.9	87.1	87.1	87.5	88.3
≥ 1200		68.4	76.3	80.2	83.3	84.1	85.1	86.7	86.9	87.2	87.9	87.9	88.2	88.2	88.5	89.3
≥ 1000		68.7	76.7	80.6	83.8	84.6	85.5	87.1	87.4	87.7	88.4	88.4	88.6	88.6	89.0	89.8
≥ 900		69.1	77.0	80.9	84.1	84.9	85.9	87.5	87.7	88.0	88.7	88.7	89.0	89.0	89.3	90.1
≥ 800		69.7	77.6	81.5	84.7	85.5	86.4	88.0	88.3	88.6	89.3	89.3	89.5	89.5	89.9	90.7
≥ 700		69.8	77.8	81.7	84.9	85.7	86.7	88.3	88.5	88.9	89.5	89.5	89.8	89.8	90.1	90.9
≥ 600		70.7	78.7	82.8	86.1	86.9	87.9	89.7	89.9	90.2	90.9	90.9	91.1	91.1	91.5	92.3
≥ 500		71.4	79.9	83.9	87.4	88.3	90.0	92.0	92.3	92.8	93.4	93.4	93.7	93.7	94.0	94.8
≥ 400		71.5	80.1	84.3	87.9	89.0	90.8	92.9	93.3	93.8	94.6	94.6	94.8	94.8	95.3	96.1
≥ 300		71.7	80.5	84.6	88.4	89.7	91.5	94.0	94.6	95.3	96.2	96.2	96.6	96.6	97.0	97.8
≥ 200		71.8	80.6	84.7	88.5	89.8	91.7	94.6	95.2	96.0	97.2	97.4	97.8	97.8	98.5	99.7
≥ 100		71.8	80.6	84.7	88.5	89.8	91.7	94.6	95.2	96.1	97.5	97.6	98.0	98.0	98.7	100.0
≥ 0		71.8	80.6	84.7	88.5	89.8	91.7	94.6	95.2	96.1	97.5	97.6	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		60.3	62.4	63.1	63.3	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000		64.7	66.9	67.6	67.8	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000		64.8	67.0	67.7	67.9	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000		65.1	67.3	68.0	68.2	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000		65.8	68.1	68.8	69.0	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000		67.9	70.3	71.0	71.2	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000		70.0	72.6	73.2	73.4	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000		70.8	73.3	74.0	74.2	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000		72.9	75.4	76.3	76.7	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000		74.2	76.8	77.8	78.1	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000		75.1	77.8	78.9	79.3	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000		76.2	79.1	80.2	80.7	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500		76.7	79.7	80.8	81.2	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000		78.2	81.2	82.3	82.8	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500		79.2	82.3	83.4	84.0	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000		79.9	83.0	84.3	85.1	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 2500		80.4	83.8	85.1	85.9	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 2000		81.6	85.0	86.4	87.2	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 1800		81.8	85.2	86.7	87.4	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 1500		82.2	85.9	87.3	88.1	88.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 1200		83.2	87.1	88.7	89.6	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 1000		83.9	87.9	89.7	90.7	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 900		84.2	88.4	90.2	91.2	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 800		85.3	89.7	91.4	92.6	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 700		85.6	90.1	91.9	93.1	93.8	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 600		86.2	91.1	93.0	94.2	94.9	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 500		86.3	91.2	93.1	94.7	95.3	95.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 400		86.3	91.2	93.3	95.0	95.7	96.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 300		86.3	91.3	93.6	95.2	96.1	97.1	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 200		86.4	91.6	93.8	95.4	96.3	97.3	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.8	100.0
≥ 100		86.4	91.6	93.8	95.4	96.3	97.3	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.8	100.0
≥ 0		86.4	91.6	93.8	95.4	96.3	97.3	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	.1	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	.1	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 16000	.1	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 14000	.1	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 12000	.1	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 10000	.1	75.9	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 9000	.1	76.3	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	.1	80.7	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 7000	.1	81.9	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	.1	82.8	83.4	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 5000	.1	83.8	84.7	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4500	.1	84.4	85.3	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4000	.1	85.4	86.3	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3500	.1	85.8	86.9	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3000	.1	86.9	88.0	88.1	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	.1	87.7	88.9	89.1	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2000	.1	88.1	89.4	89.7	90.1	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1800	.1	88.8	90.1	90.3	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1500	.1	89.1	90.6	90.8	91.3	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1200	.1	90.0	91.6	91.9	92.4	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1000	.1	90.8	92.6	92.9	93.4	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 900	.1	91.3	93.2	93.7	94.2	94.3	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 800	.1	91.9	94.1	94.6	95.4	95.7	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 700	.1	92.0	94.3	94.9	96.1	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 600	.1	92.2	94.9	95.4	96.7	96.9	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 500	.1	92.4	95.2	95.8	97.1	97.3	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	.1	92.6	95.3	95.9	97.3	97.7	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	.1	92.6	95.3	96.1	97.6	98.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	.1	92.6	95.3	96.1	97.6	98.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	.1	92.6	95.3	96.1	97.6	98.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	.1	92.6	95.3	96.1	97.6	98.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000		69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000		69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000		69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000		70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 10000		71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 9500		74.1	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000		74.1	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000		77.8	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000		79.1	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000		80.0	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500		81.3	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000		81.9	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500		83.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000		84.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500		86.8	87.9	88.0	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000		87.7	89.2	89.3	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		88.8	90.3	90.6	90.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500		89.0	90.7	90.9	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200		90.0	91.9	92.1	92.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000		90.8	92.8	93.0	93.2	93.2	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900		91.1	93.2	93.8	94.0	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800		91.2	93.6	94.1	94.3	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700		91.2	93.6	94.2	94.6	94.6	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600		91.3	94.0	94.9	95.4	95.4	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500		91.4	94.3	95.6	96.1	96.1	96.4	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400		91.6	94.7	95.9	96.6	96.7	97.2	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 300		91.6	94.8	96.0	96.7	96.8	97.4	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.1	99.1
≥ 200		91.6	94.8	96.2	97.1	97.2	98.1	99.2	99.2	99.4	99.7	99.7	99.7	99.8	99.9	99.9
≥ 100		91.6	94.8	96.2	97.1	97.2	98.1	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0		91.6	94.8	96.2	97.1	97.2	98.1	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70, 74-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		61.2	62.7	63.6	63.9	64.0	64.0	64.3	64.3	64.4	64.5	64.5	64.9	65.1	65.6	65.7
≥ 20000		63.6	65.1	65.9	66.3	66.4	66.4	66.7	66.7	66.8	66.9	66.9	67.3	67.5	68.0	68.1
≥ 18000		63.7	65.2	66.1	66.4	66.5	66.5	66.8	66.8	66.9	67.0	67.0	67.4	67.6	68.1	68.2
≥ 16000		63.9	65.5	66.3	66.7	66.8	66.8	67.0	67.0	67.1	67.3	67.3	67.6	67.9	68.3	68.5
≥ 14000		64.8	66.3	67.1	67.5	67.6	67.6	67.9	67.9	68.0	68.1	68.1	68.5	68.7	69.2	69.3
≥ 12000		66.4	68.0	68.8	69.2	69.3	69.3	69.5	69.5	69.7	69.8	69.8	70.1	70.4	70.8	71.0
≥ 10000		68.1	69.7	70.5	70.8	71.0	71.0	71.2	71.2	71.3	71.4	71.4	71.8	72.0	72.5	72.6
≥ 9000		68.6	70.1	71.0	71.4	71.6	71.6	71.8	71.9	72.0	72.2	72.2	72.5	72.8	73.2	73.4
≥ 8000		69.1	70.7	71.6	72.0	72.2	72.2	72.4	72.5	72.6	72.8	72.8	73.1	73.4	73.8	74.0
≥ 7000		71.2	73.0	73.8	74.3	74.4	74.4	74.7	74.8	74.9	75.0	75.0	75.4	75.6	76.1	76.2
≥ 6000		71.9	73.7	74.6	75.0	75.1	75.1	75.4	75.5	75.6	75.7	75.7	76.1	76.3	76.8	76.9
≥ 5000		73.0	75.0	76.0	76.5	76.6	76.7	76.9	77.1	77.2	77.3	77.3	77.7	77.9	78.4	78.5
≥ 4500		73.4	75.4	76.3	76.8	76.9	77.1	77.3	77.4	77.5	77.7	77.7	78.0	78.3	78.7	78.9
≥ 4000		75.1	77.4	78.9	79.3	79.5	79.7	79.9	80.0	80.2	80.3	80.3	80.6	80.9	81.4	81.5
≥ 3500		76.7	79.0	80.4	80.9	81.0	81.2	81.5	81.6	81.7	81.8	81.8	82.2	82.4	82.9	83.0
≥ 3000		77.9	80.3	81.8	82.4	82.6	82.8	83.0	83.2	83.3	83.4	83.4	83.9	84.1	84.6	84.7
≥ 2500		78.3	80.6	82.2	82.8	82.9	83.2	83.4	83.5	83.6	83.8	83.8	84.2	84.5	84.9	85.1
≥ 2000		79.8	82.2	83.8	84.5	84.6	84.8	85.1	85.2	85.3	85.4	85.4	85.9	86.1	86.6	86.7
≥ 1800		80.2	82.6	84.1	84.8	84.9	85.2	85.4	85.5	85.7	85.8	85.8	86.3	86.5	87.0	87.1
≥ 1500		80.6	83.2	84.7	85.4	85.5	85.8	86.0	86.1	86.3	86.4	86.4	87.0	87.2	87.7	87.8
≥ 1200		82.7	85.2	86.9	87.6	87.7	87.9	88.2	88.3	88.4	88.5	88.5	89.1	89.4	89.8	90.0
≥ 1000		83.5	86.0	87.8	88.6	88.8	89.0	89.2	89.4	89.5	89.6	89.6	90.2	90.4	90.9	91.0
≥ 900		83.9	86.4	88.2	89.0	89.1	89.6	89.8	90.0	90.1	90.2	90.2	90.8	91.0	91.5	91.6
≥ 800		84.5	87.0	88.9	89.8	90.0	90.4	90.7	90.8	90.9	91.0	91.0	91.8	92.0	92.5	92.6
≥ 700		84.8	87.5	89.5	90.4	90.6	91.2	91.4	91.5	91.8	91.9	91.9	92.6	92.8	93.3	93.4
≥ 600		84.9	87.9	90.2	91.4	91.5	92.1	92.6	92.7	93.0	93.1	93.1	93.8	94.0	94.5	94.6
≥ 500		85.4	88.4	91.2	93.1	93.2	93.8	94.3	94.4	94.6	94.9	94.9	95.6	95.8	96.4	96.5
≥ 400		85.7	88.8	91.6	93.5	93.7	94.4	94.9	95.1	95.3	95.7	95.7	96.4	96.7	97.3	97.4
≥ 300		85.9	89.0	91.9	93.8	93.9	94.6	95.3	95.9	96.2	96.7	96.7	97.4	97.6	98.2	98.3
≥ 200		85.9	89.0	92.1	94.1	94.3	95.0	95.8	96.5	96.9	97.4	97.4	98.6	98.8	99.4	99.6
≥ 100		85.9	89.0	92.1	94.1	94.3	95.0	95.8	96.7	97.1	97.7	97.7	98.9	99.2	99.8	100.0
≥ 0		85.9	89.0	92.1	94.1	94.3	95.0	95.8	96.7	97.1	97.7	97.7	98.9	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,74-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		67.3	62.5	63.0	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.8	63.8	63.8	64.7	64.2
≥ 20000		63.8	65.9	66.4	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.5	67.5	67.5	67.7	67.9
≥ 18000		64.0	66.2	66.7	66.9	66.9	67.1	67.4	67.4	67.4	67.4	67.7	67.7	67.7	68.0	68.1
≥ 16000		64.2	66.3	66.8	67.0	67.0	67.3	67.5	67.5	67.5	67.5	67.9	67.9	67.9	68.1	68.2
≥ 14000		65.1	67.3	67.7	68.0	68.0	68.2	68.5	68.5	68.5	68.5	68.8	68.8	68.8	69.1	69.2
≥ 12000		65.9	68.1	68.6	68.8	68.8	69.1	69.3	69.3	69.3	69.3	69.7	69.7	69.7	69.9	70.0
≥ 10000		67.9	70.0	70.5	70.7	70.7	71.0	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.8	71.9
≥ 9000		68.7	70.8	71.3	71.6	71.6	71.8	72.0	72.0	72.0	72.0	72.4	72.4	72.4	72.6	72.8
≥ 8000		69.9	72.0	72.5	72.8	72.8	73.0	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.8	74.0
≥ 7000		71.6	73.8	74.3	74.6	74.6	74.8	75.0	75.0	75.0	75.0	75.4	75.4	75.4	75.6	75.7
≥ 6000		71.7	74.0	74.6	74.8	74.8	75.0	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.9	76.0
≥ 5000		73.0	75.5	76.2	76.5	76.5	76.7	76.9	76.9	76.9	76.9	77.3	77.3	77.3	77.5	77.7
≥ 4500		73.1	75.6	76.3	76.6	76.6	76.8	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.8	77.9
≥ 4000		73.8	76.3	77.4	77.8	77.9	78.1	78.5	78.5	78.5	78.5	78.9	78.9	78.9	79.1	79.2
≥ 3500		75.0	77.8	78.9	79.2	79.3	79.7	80.0	80.0	80.0	80.0	80.4	80.4	80.4	80.6	80.8
≥ 3000		76.5	79.2	80.4	80.8	80.9	81.2	81.6	81.6	81.6	81.6	82.0	82.0	82.0	82.2	82.3
≥ 2500		77.1	79.9	81.1	81.5	81.6	82.0	82.3	82.3	82.3	82.3	82.7	82.7	82.7	82.9	83.0
≥ 2000		78.5	81.6	82.9	83.4	83.5	83.9	84.2	84.2	84.2	84.2	84.6	84.6	84.6	84.8	84.9
≥ 1800		78.6	81.7	83.0	83.6	83.8	84.1	84.5	84.5	84.5	84.5	84.8	84.8	84.8	85.1	85.2
≥ 1500		79.3	82.4	83.9	84.5	84.6	85.1	85.4	85.4	85.4	85.4	85.8	85.8	85.8	86.0	86.1
≥ 1200		80.3	83.6	85.2	85.8	85.9	86.4	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.3	87.5
≥ 1000		81.1	84.5	86.1	86.9	87.0	87.5	87.8	87.8	87.8	87.8	88.2	88.2	88.2	88.4	88.5
≥ 900		82.1	85.4	87.1	87.9	88.1	88.5	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.5	89.6
≥ 800		82.7	86.1	87.9	89.0	89.1	89.6	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.6	90.7
≥ 700		83.0	86.7	88.6	89.7	90.0	90.7	91.4	91.4	91.4	91.4	91.9	91.9	91.9	92.1	92.2
≥ 600		83.8	87.8	89.8	90.9	91.2	92.0	92.7	92.7	92.7	92.7	93.2	93.2	93.2	93.4	93.5
≥ 500		84.7	88.9	91.2	92.7	93.0	93.8	94.5	94.5	94.5	94.5	95.0	95.0	95.0	95.2	95.3
≥ 400		85.1	89.6	92.5	94.3	94.5	95.5	96.3	96.3	96.3	96.3	96.8	96.8	96.8	97.0	97.1
≥ 300		85.3	89.8	92.8	94.7	95.0	96.1	97.0	97.5	97.5	97.5	98.0	98.0	98.0	98.2	98.3
≥ 200		85.3	89.8	93.0	95.0	95.2	96.5	97.5	98.0	98.0	98.0	98.6	98.6	98.6	98.7	98.9
≥ 100		85.3	89.8	93.0	95.0	95.2	96.5	97.5	98.0	98.0	98.0	98.6	98.6	98.6	98.7	98.9
≥ 0		85.3	89.8	93.0	95.0	95.2	96.5	97.5	98.0	98.0	98.0	98.6	98.6	98.6	98.7	98.9

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		55.7	58.0	58.5	58.7	58.8	59.1	59.4	59.4	59.7	60.0	60.0	60.2	60.2	60.3	60.4
≥ 20000		59.2	61.5	62.1	62.5	62.6	63.0	63.6	63.6	64.0	64.2	64.2	64.4	64.4	64.5	64.6
≥ 18000		59.3	61.6	62.2	62.6	62.7	63.1	63.7	63.7	64.1	64.3	64.3	64.5	64.5	64.6	64.7
≥ 16000		59.3	61.6	62.2	62.6	62.7	63.1	63.7	63.7	64.1	64.3	64.3	64.5	64.5	64.6	64.7
≥ 14000		59.8	62.2	62.7	63.2	63.3	63.6	64.3	64.3	64.6	64.8	64.8	65.1	65.1	65.2	65.3
≥ 12000		61.0	63.4	64.0	64.4	64.5	64.8	65.5	65.5	65.9	66.1	66.1	66.3	66.3	66.4	66.5
≥ 10000		63.3	65.9	66.6	67.1	67.2	67.5	68.2	68.2	68.5	68.7	68.7	69.0	69.0	69.1	69.2
≥ 9000		63.6	66.2	67.0	67.4	67.5	67.9	68.5	68.5	68.9	69.1	69.1	69.3	69.3	69.4	69.5
≥ 8000		66.7	69.4	70.2	70.6	70.7	71.1	71.7	71.7	72.1	72.3	72.3	72.5	72.5	72.6	72.7
≥ 7000		68.2	71.0	71.7	72.2	72.3	72.6	73.3	73.3	73.6	73.9	73.9	74.1	74.1	74.2	74.3
≥ 6000		69.4	72.3	73.2	73.6	73.7	74.1	74.7	74.7	75.1	75.3	75.3	75.5	75.5	75.6	75.8
≥ 5000		71.3	74.4	75.3	75.8	75.9	76.2	76.9	76.9	77.2	77.4	77.4	77.6	77.6	77.8	77.9
≥ 4500		71.5	74.6	75.5	76.0	76.1	76.4	77.1	77.1	77.4	77.6	77.6	77.9	77.9	78.0	78.1
≥ 4000		72.6	76.1	77.3	78.0	78.1	78.4	79.1	79.1	79.4	79.6	79.6	79.9	79.9	80.0	80.1
≥ 3500		73.5	77.0	78.2	78.9	79.0	79.3	80.0	80.0	80.3	80.5	80.5	80.8	80.8	80.9	81.0
≥ 3000		74.9	78.4	80.0	80.6	80.8	81.1	81.8	81.8	82.1	82.3	82.3	82.5	82.5	82.6	82.8
≥ 2500		75.8	79.4	81.0	81.6	81.8	82.1	82.8	82.8	83.1	83.3	83.3	83.5	83.5	83.6	83.8
≥ 2000		77.1	81.1	82.6	83.3	83.4	83.8	84.4	84.4	84.8	85.0	85.0	85.2	85.2	85.3	85.4
≥ 1800		77.2	81.2	82.9	83.5	83.6	84.0	84.6	84.6	85.0	85.2	85.2	85.4	85.4	85.5	85.7
≥ 1500		78.4	82.4	84.2	84.9	85.0	85.3	86.0	86.0	86.3	86.5	86.5	86.8	86.8	86.9	87.0
≥ 1200		79.4	83.8	85.7	86.3	86.4	86.8	87.5	87.5	88.0	88.2	88.2	88.4	88.4	88.5	88.7
≥ 1000		79.8	84.1	86.1	86.8	86.9	87.2	88.0	88.0	88.4	88.7	88.7	88.9	88.9	89.0	89.1
≥ 900		80.2	84.5	86.7	87.3	87.4	87.9	88.7	88.7	89.1	89.4	89.4	89.7	89.7	89.8	89.9
≥ 800		80.6	85.3	87.5	88.5	88.7	89.1	90.1	90.1	90.5	90.9	90.9	91.1	91.1	91.2	91.3
≥ 700		81.3	86.0	88.2	89.3	89.7	90.1	91.1	91.1	91.7	92.0	92.0	92.2	92.2	92.3	92.4
≥ 600		82.1	86.8	89.2	90.4	90.8	91.2	92.3	92.3	92.9	93.2	93.2	93.4	93.4	93.5	93.7
≥ 500		82.3	87.2	90.0	91.3	91.7	92.2	93.5	93.5	94.1	94.5	94.5	94.8	94.8	94.9	95.1
≥ 400		82.3	87.2	90.1	91.5	92.2	92.9	94.3	94.4	95.2	95.7	95.7	95.9	95.9	96.0	96.4
≥ 300		82.3	87.4	90.3	91.8	92.5	93.5	95.3	95.7	96.6	97.1	97.1	97.4	97.4	97.6	98.0
≥ 200		82.3	87.4	90.3	91.8	92.5	93.5	95.4	95.9	96.9	97.4	97.6	98.0	98.0	98.2	98.9
≥ 100		82.3	87.4	90.3	91.8	92.5	93.5	95.4	95.9	96.9	97.7	97.8	98.4	98.4	98.9	100.0
≥ 0		82.3	87.4	90.3	91.8	92.5	93.5	95.4	95.9	96.9	97.7	97.8	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		56.0	56.3	56.7	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.3
≥ 20000		60.4	60.8	61.1	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.7	61.7
≥ 18000		61.0	61.3	61.6	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3
≥ 16000		61.1	61.4	61.7	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4
≥ 14000		61.8	62.2	62.5	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.2	63.2
≥ 12000		62.9	63.2	63.5	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.4
≥ 10000		66.2	66.8	67.1	67.5	67.5	67.5	67.5	67.7	67.8	67.8	67.8	68.0	68.0	68.1	68.1
≥ 9000		66.9	67.4	67.7	68.2	68.2	68.2	68.2	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.7
≥ 8000		70.0	70.8	71.4	71.9	71.9	71.9	71.9	72.2	72.3	72.3	72.3	72.4	72.4	72.5	72.5
≥ 7000		71.7	72.5	73.1	73.7	73.7	73.7	73.7	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.2
≥ 6000		73.1	74.4	75.1	75.6	75.6	75.6	75.6	75.8	76.0	76.0	76.0	76.1	76.1	76.2	76.2
≥ 5000		74.4	76.0	76.8	77.3	77.3	77.3	77.3	77.5	77.7	77.7	77.7	77.8	77.8	78.0	78.0
≥ 4500		74.7	76.5	77.2	77.7	77.7	77.7	77.7	78.0	78.2	78.2	78.2	78.3	78.3	78.4	78.4
≥ 4000		76.3	78.1	79.1	79.8	79.8	79.8	79.8	80.0	80.2	80.2	80.2	80.3	80.3	80.4	80.4
≥ 3500		77.3	79.0	80.1	80.8	80.8	80.8	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.4	81.4
≥ 3000		78.5	80.2	81.3	82.0	82.3	82.4	82.4	82.6	82.8	82.8	82.8	82.9	82.9	83.0	83.0
≥ 2500		79.1	80.9	81.9	82.7	82.9	83.0	83.0	83.2	83.4	83.4	83.4	83.5	83.5	83.7	83.7
≥ 2000		80.4	82.2	83.3	84.2	84.4	84.5	84.6	84.8	85.1	85.1	85.1	85.2	85.2	85.3	85.3
≥ 1800		80.8	82.6	83.8	84.6	84.8	84.9	85.1	85.3	85.5	85.5	85.5	85.6	85.6	85.7	85.7
≥ 1500		82.3	84.2	85.4	86.3	86.6	86.7	86.8	87.0	87.2	87.2	87.2	87.3	87.3	87.4	87.4
≥ 1200		83.4	85.5	86.9	87.8	88.2	88.6	88.8	89.0	89.2	89.2	89.2	89.4	89.4	89.5	89.5
≥ 1000		84.2	86.3	87.8	89.1	89.5	89.9	90.1	90.3	90.5	90.5	90.5	90.6	90.6	90.8	90.8
≥ 900		84.2	86.5	88.2	89.5	89.8	90.2	90.5	90.8	91.1	91.1	91.1	91.2	91.2	91.3	91.3
≥ 800		84.3	86.6	88.4	89.8	90.1	90.8	91.1	91.3	91.6	91.6	91.6	91.7	91.7	91.8	91.8
≥ 700		85.3	88.0	89.8	91.3	91.7	92.4	92.7	92.9	93.2	93.2	93.2	93.3	93.3	93.4	93.4
≥ 600		85.4	88.1	89.9	91.7	92.3	93.0	93.4	93.8	94.1	94.1	94.1	94.2	94.2	94.3	94.3
≥ 500		85.8	88.7	90.6	92.7	93.3	94.4	95.1	95.4	95.7	95.7	95.7	95.8	95.8	96.0	96.0
≥ 400		85.8	88.9	90.9	92.9	93.8	95.2	96.1	96.5	96.9	97.0	97.0	97.1	97.1	97.3	97.3
≥ 300		85.8	89.0	91.1	93.1	94.0	95.8	97.1	97.7	98.3	98.6	98.6	99.0	99.0	99.5	99.5
≥ 200		85.8	89.0	91.1	93.1	94.0	95.8	97.2	98.0	98.7	99.1	99.1	99.6	99.6	100.0	100.0
≥ 100		85.8	89.0	91.1	93.1	94.0	95.8	97.2	98.0	98.7	99.1	99.1	99.6	99.6	100.0	100.0
≥ 0		85.8	89.0	91.1	93.1	94.0	95.8	97.2	98.0	98.7	99.1	99.1	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000		62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 16000		63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000		63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000		64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000		65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000		68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000		68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000		71.8	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000		73.2	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000		74.3	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500		75.4	76.7	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000		75.6	76.9	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	.1	77.8	79.6	80.3	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	.1	79.2	81.1	81.8	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	.1	80.6	82.7	83.4	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	.1	81.2	83.4	84.2	84.6	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	.1	83.0	85.4	86.2	86.8	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	.1	83.7	86.1	87.0	87.5	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	.1	85.8	88.4	89.2	89.8	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	.1	87.0	89.9	90.8	91.3	91.4	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	.1	87.3	90.3	91.2	91.9	92.0	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	.1	87.6	90.6	91.5	92.3	92.4	92.6	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	.1	88.4	91.5	92.4	93.3	93.4	93.7	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	.1	88.8	92.2	93.0	94.0	94.1	94.4	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	.1	89.2	92.7	93.8	94.8	94.9	95.3	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	.1	89.5	93.1	94.2	95.4	95.5	96.0	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	.1	89.6	93.3	94.4	96.1	96.3	97.0	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200	.1	89.8	93.5	94.6	96.3	96.6	97.5	98.0	98.1	98.8	98.9	99.1	99.2	99.2	99.2	99.4
≥ 100	.1	89.9	93.7	94.7	96.6	96.8	98.0	98.5	98.6	99.5	99.6	99.8	99.9	99.9	99.9	100.0
≥ 0	.1	89.9	93.7	94.7	96.6	96.8	98.0	98.5	98.6	99.5	99.6	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000		62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000		63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000		63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000		63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000		66.2	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
≥ 10000		68.8	69.2	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
≥ 9000		68.9	69.4	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9
≥ 8000		71.7	72.3	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9
≥ 7000		72.8	73.8	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 6000		73.9	74.8	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6
≥ 5000		74.9	76.0	76.5	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
≥ 4500		75.2	76.2	76.7	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 4000		77.8	79.0	79.6	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 3500		79.0	80.2	80.8	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 3000		81.1	82.5	83.0	83.3	83.4	83.7	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 2500		81.4	82.8	83.4	83.8	83.9	84.1	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 2000		83.5	85.3	85.9	86.7	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 1800		83.7	85.6	86.2	87.0	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 1500		85.3	87.4	88.3	89.0	89.2	89.6	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 1200		86.6	88.9	89.8	90.5	90.8	91.2	91.5	91.6	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 1000		87.6	90.0	91.0	91.7	92.0	92.5	92.8	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 900		87.8	90.3	91.4	92.2	92.5	92.9	93.2	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 800		88.1	90.8	91.9	92.7	93.0	93.4	93.8	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 700		88.9	91.6	92.8	93.7	94.0	94.7	95.1	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 600		89.2	91.9	93.2	94.2	94.5	95.3	95.7	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 500		89.2	91.9	93.4	94.8	95.3	96.0	96.6	96.9	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 400		89.4	92.0	93.7	95.3	95.7	96.7	97.2	97.5	98.2	98.4	98.4	98.6	98.7	98.7	98.7
≥ 300		89.4	92.0	93.7	95.3	95.7	96.7	97.2	97.5	98.2	98.8	98.8	99.0	99.1	99.1	99.1
≥ 200		89.5	92.2	93.9	95.6	96.0	97.0	97.6	98.0	98.7	99.6	99.6	99.6	99.9	100.0	100.0
≥ 100		89.5	92.2	93.9	95.6	96.0	97.0	97.6	98.0	98.7	99.6	99.6	99.6	99.9	100.0	100.0
≥ 0		89.5	92.2	93.9	95.6	96.0	97.0	97.6	98.0	98.7	99.6	99.6	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	.1 .1	59.6 63.9	60.0 64.3	60.5 64.8	60.8 65.2	61.0 65.3	61.0 65.3	61.1 65.4	61.1 65.4	61.1 65.4	61.2 65.5	61.2 65.5	61.2 65.6	61.2 65.6	61.2 65.6	61.2 65.6
≥ 18000 IV 16000	.1 .1	64.0 64.2	64.4 64.7	64.9 65.1	65.2 65.4	65.4 65.6	65.4 65.6	65.5 65.7	65.5 65.7	65.5 65.7	65.6 65.8	65.6 65.8	65.7 65.9	65.7 65.9	65.7 65.9	65.7 65.9
≥ 14000 IV 12000	.1 .1	65.1 68.0	65.5 68.4	65.9 68.9	66.4 69.3	66.6 69.5	66.6 69.5	66.9 69.8	66.9 69.8	66.9 69.8	67.0 69.9	67.0 69.9	67.1 70.0	67.1 70.0	67.1 70.0	67.1 70.0
≥ 10000 IV 9000	.1 .1	69.3 69.6	69.7 70.0	70.2 70.5	70.6 70.9	70.8 71.1	70.8 71.1	71.1 71.2	71.1 71.2	71.1 71.2	71.2 71.6	71.2 71.6	71.3 71.7	71.3 71.8	71.3 71.8	71.3 71.8
≥ 8000 IV 7000	.1 .1	71.8 72.4	72.2 73.2	72.6 73.7	73.1 74.1	73.3 74.4	73.5 74.6	73.8 74.9	73.8 74.9	73.8 74.9	73.9 75.0	73.9 75.0	74.0 75.1	74.0 75.1	74.0 75.1	74.0 75.1
≥ 6000 IV 5000	.1 .1	73.3 74.5	74.0 75.3	74.6 75.9	75.0 76.3	75.2 76.6	75.4 77.0	75.8 77.5	75.8 77.5	75.8 77.5	75.9 77.6	75.9 77.6	76.0 77.7	76.0 77.7	76.0 77.7	76.0 77.7
IV 4500 IV 4000	.1 .1	74.8 78.4	75.6 79.6	76.2 80.3	76.6 80.7	76.9 81.0	77.4 81.5	77.8 81.9	77.8 81.9	77.8 81.9	77.9 82.0	77.9 82.0	78.0 82.1	78.0 82.1	78.0 82.1	78.0 82.1
IV 3500 IV 3000	.1 .1	79.7 81.3	80.9 82.7	81.6 83.3	82.0 83.9	82.3 84.3	82.8 84.7	83.2 85.2	83.2 85.2	83.2 85.2	83.3 85.6	83.3 85.6	83.4 85.7	83.4 85.7	83.4 85.7	83.4 85.7
IV 2500 IV 2000	.1 .1	81.6 82.9	83.1 84.6	83.7 85.3	84.5 86.1	84.8 86.5	85.2 87.1	85.8 87.8	85.8 87.8	86.0 88.0	86.1 88.1	86.1 88.1	86.2 88.3	86.2 88.3	86.2 88.3	86.2 88.3
IV 1800 IV 1500	.1 .1	83.1 83.6	84.5 85.6	85.6 86.5	86.4 87.4	87.0 87.9	87.5 88.5	88.3 89.2	88.3 89.2	88.5 89.4	88.6 89.5	88.6 89.5	88.7 89.7	88.7 89.7	88.7 89.7	88.7 89.7
IV 1200 IV 1000	.1 .1	84.9 85.8	86.9 87.8	88.0 89.1	88.9 90.0	89.5 90.6	90.1 91.2	90.8 91.9	90.8 91.9	91.1 92.1	91.2 92.2	91.2 92.2	91.3 92.3	91.3 92.3	91.3 92.3	91.3 92.3
IV 900 IV 800	.1 .1	86.2 87.7	88.3 89.7	89.5 90.4	90.5 91.4	91.2 92.0	91.7 92.7	92.5 93.5	92.5 93.5	92.7 93.8	92.8 93.9	92.8 93.9	92.9 94.0	92.9 94.0	92.9 94.0	92.9 94.0
IV 700 IV 600	.1 .1	87.6 88.0	89.9 90.7	91.2 92.1	92.1 93.2	92.8 94.0	93.5 94.7	94.4 95.6	94.4 95.6	94.6 95.8	94.7 95.9	94.7 95.9	94.8 96.0	94.8 96.0	94.8 96.0	94.8 96.0
IV 500 IV 400	.1 .1	88.1 88.3	91.2 91.4	92.8 93.2	94.0 94.5	94.7 95.3	95.5 96.0	96.4 97.2	96.4 97.2	96.7 97.4	96.8 97.5	96.8 97.5	97.0 97.8	97.0 98.2	97.1 98.3	97.1 98.3
IV 300 IV 200	.1 .1	88.4 88.4	91.5 91.5	93.1 93.3	94.7 94.7	95.6 95.6	96.4 96.6	97.6 97.7	97.6 97.8	97.8 98.5	98.0 98.7	98.0 98.7	98.3 99.1	98.6 99.5	98.7 99.6	98.7 99.6
IV 100 IV 0	.1 .1	88.4 88.4	91.5 91.5	93.1 93.1	94.8 94.8	95.7 95.7	96.7 96.7	97.8 97.8	97.8 98.1	98.7 98.7	98.9 98.9	98.9 98.9	99.6 99.6	99.9 99.9	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

928

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING		59.2	67.3	61.1	61.4	61.5	61.6	61.9	62.3	62.3	62.4	62.4	62.7	62.7	63.0	63.0
≥ 20000		63.2	64.3	65.1	65.4	65.5	65.6	65.9	66.3	66.3	66.4	66.4	66.7	66.7	67.0	67.0
≥ 18000		63.2	64.3	65.1	65.4	65.5	65.6	65.9	66.3	66.3	66.4	66.4	66.7	66.7	67.0	67.0
≥ 16000		63.4	64.4	65.2	65.5	65.6	65.7	66.1	66.4	66.4	66.5	66.5	66.8	66.8	67.1	67.1
≥ 14000		63.8	64.9	65.6	65.9	66.1	66.2	66.5	66.8	66.8	66.9	66.9	67.2	67.2	67.6	67.6
≥ 12000		65.9	67.0	67.8	68.1	68.2	68.3	68.6	69.0	69.0	69.1	69.1	69.4	69.4	69.7	69.7
≥ 10000		67.8	68.9	69.6	69.9	70.1	70.2	70.5	70.8	70.8	70.9	70.9	71.2	71.2	71.6	71.6
≥ 9000		67.9	69.0	69.7	70.1	70.2	70.3	70.6	70.9	70.9	71.0	71.0	71.4	71.4	71.7	71.7
≥ 8000		69.7	70.8	71.6	71.9	72.0	72.1	72.4	72.8	72.8	72.9	72.9	73.2	73.2	73.5	73.5
≥ 7000		71.0	72.2	73.0	73.3	73.4	73.5	73.9	74.3	74.3	74.4	74.4	74.7	74.7	75.0	75.0
≥ 6000		71.7	72.9	73.6	73.9	74.1	74.2	74.6	74.9	74.9	75.0	75.0	75.4	75.4	75.7	75.7
≥ 5000		73.2	74.4	75.2	75.5	75.9	76.0	76.4	76.8	76.8	76.9	76.9	77.2	77.2	77.5	77.5
≥ 4500		73.2	74.4	75.2	75.5	75.9	76.0	76.4	76.8	76.8	76.9	76.9	77.2	77.2	77.5	77.5
≥ 4000		76.0	77.3	78.4	79.1	79.2	79.6	80.0	80.3	80.3	80.4	80.4	80.8	80.8	81.1	81.1
≥ 3500		77.0	78.3	79.4	80.2	80.3	80.6	81.1	81.4	81.4	81.5	81.5	81.8	81.8	82.2	82.2
≥ 3000		78.7	80.1	81.4	82.5	82.6	82.9	83.4	83.7	83.7	83.8	83.8	84.1	84.1	84.4	84.4
≥ 2500		79.6	81.1	82.4	83.5	83.6	83.9	84.3	84.6	84.6	84.8	84.8	85.1	85.1	85.4	85.4
≥ 2000		80.9	82.7	84.0	85.1	85.3	85.6	86.1	86.4	86.4	86.5	86.5	86.8	86.8	87.1	87.1
≥ 1800		81.2	83.1	84.4	85.5	85.7	86.1	86.5	86.8	86.8	86.9	86.9	87.2	87.2	87.6	87.6
≥ 1500		81.6	83.6	84.9	86.1	86.3	86.6	87.0	87.4	87.4	87.5	87.5	87.8	87.8	88.1	88.1
≥ 1200		82.9	84.9	86.3	87.4	87.9	88.3	88.8	89.1	89.1	89.2	89.2	89.6	89.6	90.1	90.1
≥ 1000		83.1	85.1	86.5	87.9	88.3	88.8	89.2	89.6	89.6	89.7	89.7	90.2	90.2	90.6	90.6
≥ 900		83.7	85.6	87.0	88.5	89.0	89.4	89.8	90.3	90.3	90.4	90.4	90.8	90.8	91.2	91.2
≥ 800		84.2	86.4	88.0	89.7	90.2	90.6	91.0	91.5	91.5	91.6	91.6	92.0	92.0	92.4	92.4
≥ 700		84.3	86.7	88.3	90.3	90.7	91.1	91.6	92.0	92.0	92.1	92.1	92.5	92.5	93.0	93.0
≥ 600		85.0	87.4	89.0	91.0	91.5	91.9	92.3	92.8	92.8	92.9	92.9	93.3	93.3	93.7	93.7
≥ 500		85.3	87.9	89.6	92.1	92.5	93.0	93.4	93.8	94.2	94.3	94.3	94.7	94.7	95.2	95.2
≥ 400		85.8	88.5	90.6	93.0	93.5	94.1	94.5	95.1	95.5	95.6	95.6	96.0	96.0	96.5	96.6
≥ 300		86.3	89.2	91.2	93.6	94.5	95.1	95.6	96.3	96.6	96.8	96.8	97.2	97.2	97.7	98.2
≥ 200		86.3	89.2	91.2	93.6	94.5	95.1	95.7	96.5	97.4	97.6	97.6	98.2	98.2	98.8	99.4
≥ 100		86.3	89.2	91.2	93.6	94.5	95.1	95.7	96.5	97.5	97.7	97.9	98.6	98.6	99.2	100.0
≥ 0		86.3	89.2	91.2	93.6	94.5	95.1	95.7	96.5	97.5	97.7	97.9	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.0	58.1	59.0	59.4	59.6	59.7	59.8	59.9	60.0	60.0	60.1	60.1	60.3	60.3	60.4	60.5
≥ 20000	.0	62.5	63.4	63.9	64.1	64.2	64.3	64.5	64.5	64.6	64.7	64.7	64.8	64.9	65.0	65.0
IV 18000	.0	62.7	63.7	64.1	64.3	64.4	64.5	64.7	64.8	64.8	64.9	64.9	65.1	65.1	65.2	65.3
IV 16000	.0	62.8	63.8	64.2	64.5	64.6	64.6	64.8	64.9	65.0	65.1	65.1	65.2	65.2	65.4	65.4
IV 14000	.0	63.5	64.5	64.9	65.2	65.3	65.3	65.6	65.6	65.7	65.8	65.8	65.9	66.0	66.1	66.2
IV 12000	.0	65.2	66.3	66.7	67.0	67.1	67.2	67.4	67.5	67.5	67.6	67.6	67.8	67.8	68.0	68.0
IV 10000	.0	67.4	68.6	69.1	69.4	69.4	69.5	69.7	69.8	69.9	70.0	70.0	70.1	70.2	70.3	70.4
IV 9000	.0	67.9	69.0	69.5	69.8	69.9	70.0	70.2	70.3	70.3	70.5	70.5	70.6	70.6	70.8	70.8
IV 8000	.0	70.1	71.3	71.9	72.2	72.3	72.4	72.6	72.7	72.8	72.9	72.9	73.0	73.1	73.2	73.3
IV 7000	.0	71.5	72.9	73.5	73.8	73.9	74.0	74.2	74.3	74.4	74.5	74.5	74.7	74.7	74.8	74.9
IV 6000	.0	72.4	73.9	74.5	74.8	74.9	75.0	75.3	75.4	75.4	75.6	75.6	75.7	75.7	75.9	75.9
IV 5000	.0	73.7	75.4	76.1	76.6	76.7	76.8	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.7	77.7
IV 4500	.0	74.0	75.7	76.4	76.8	76.9	77.1	77.3	77.4	77.5	77.6	77.6	77.8	77.8	78.0	78.0
IV 4000	.0	76.1	78.0	78.9	79.4	79.6	79.8	80.0	80.1	80.2	80.3	80.3	80.5	80.5	80.7	80.7
IV 3500	.0	77.2	79.2	80.2	80.7	80.8	81.0	81.3	81.4	81.5	81.6	81.6	81.7	81.8	81.9	82.0
IV 3000	.0	78.7	80.8	81.9	82.5	82.6	82.9	83.1	83.2	83.4	83.5	83.5	83.6	83.7	83.8	83.9
IV 2500	.0	79.3	81.4	82.5	83.1	83.3	83.5	83.9	84.0	84.1	84.2	84.2	84.4	84.4	84.5	84.6
IV 2000	.0	80.8	83.2	84.3	85.0	85.2	85.5	85.9	86.0	86.1	86.2	86.2	86.4	86.4	86.5	86.6
IV 1800	.0	81.1	83.5	84.7	85.4	85.6	85.9	86.3	86.4	86.5	86.6	86.6	86.8	86.8	86.9	87.0
IV 1500	.0	82.2	84.7	85.9	86.7	86.9	87.2	87.6	87.7	87.8	88.0	88.0	88.1	88.2	88.3	88.4
IV 1200	.0	83.5	86.1	87.5	88.3	88.5	88.9	89.3	89.4	89.6	89.7	89.7	89.9	89.9	90.0	90.2
IV 1000	.0	84.1	86.8	88.2	89.2	89.4	89.8	90.2	90.4	90.6	90.7	90.7	90.9	90.9	91.1	91.1
IV 900	.0	84.5	87.3	88.7	89.7	90.0	90.4	90.8	91.0	91.2	91.3	91.3	91.5	91.5	91.7	91.7
IV 800	.0	85.0	87.9	89.5	90.6	90.9	91.3	91.8	91.9	92.2	92.3	92.3	92.5	92.5	92.7	92.7
IV 700	.0	85.6	88.6	90.2	91.4	91.7	92.3	92.8	93.0	93.2	93.4	93.4	93.6	93.6	93.8	93.8
IV 600	.0	86.0	89.2	90.9	92.3	92.6	93.2	93.8	94.0	94.2	94.4	94.4	94.6	94.6	94.8	94.8
IV 500	.0	86.3	89.7	91.7	93.3	93.7	94.4	95.0	95.2	95.5	95.7	95.7	95.9	96.0	96.2	96.2
IV 400	.0	86.5	90.0	92.1	93.9	94.4	95.2	96.0	96.2	96.6	96.8	96.8	97.1	97.2	97.4	97.5
IV 300	.0	86.7	90.2	92.4	94.2	94.7	95.7	96.7	97.1	97.5	97.9	97.9	98.2	98.3	98.5	98.7
IV 200	.0	86.7	90.3	92.5	94.3	94.9	96.0	97.0	97.4	98.1	98.5	98.6	99.0	99.1	99.4	99.6
IV 100	.0	86.7	90.3	92.5	94.3	94.9	96.0	97.0	97.5	98.2	98.6	98.7	99.2	99.3	99.6	100.0
IV 0	.0	86.7	90.3	92.5	94.3	94.9	96.0	97.0	97.5	98.2	98.6	98.7	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

7216

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.0	57.4	59.9	61.0	61.7	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.5	62.6	62.6	62.7
≥ 20000	.0	64.7	67.7	69.0	69.7	69.9	70.1	70.3	70.4	70.5	70.5	70.5	70.6	70.7	70.7	70.9
≥ 18000	.0	65.1	68.1	69.3	70.1	70.3	70.5	70.7	70.7	70.8	70.9	70.9	71.0	71.1	71.1	71.2
≥ 16000	.0	65.3	68.3	69.6	70.3	70.5	70.8	70.9	71.0	71.1	71.1	71.2	71.3	71.3	71.4	71.5
≥ 14000	.0	66.2	69.3	70.5	71.3	71.5	71.8	71.9	72.0	72.1	72.1	72.1	72.3	72.3	72.4	72.5
≥ 12000	.0	68.0	71.1	72.4	73.2	73.4	73.7	73.8	73.9	74.0	74.1	74.1	74.2	74.2	74.3	74.4
≥ 10000	.0	71.0	74.3	75.7	76.5	76.7	77.0	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.6	77.7
≥ 9000	.0	71.5	74.8	76.2	77.0	77.2	77.5	77.7	77.7	77.8	77.9	77.9	78.0	78.1	78.1	78.2
≥ 8000	.0	73.7	77.2	78.7	79.6	79.8	80.1	80.3	80.3	80.4	80.5	80.5	80.6	80.7	80.8	80.9
≥ 7000	.0	74.8	78.3	79.9	80.8	81.0	81.3	81.5	81.6	81.7	81.8	81.8	81.9	81.9	82.0	82.1
≥ 6000	.0	75.6	79.2	80.8	81.7	81.9	82.2	82.4	82.5	82.6	82.7	82.7	82.8	82.8	82.9	83.0
≥ 5000	.0	76.8	80.5	82.2	83.1	83.4	83.7	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.4	84.5
≥ 4500	.0	77.1	80.9	82.5	83.5	83.7	84.0	84.2	84.3	84.4	84.5	84.5	84.6	84.7	84.7	84.9
≥ 4000	.0	78.5	82.4	84.1	85.1	85.4	85.7	85.9	86.0	86.1	86.2	86.2	86.3	86.4	86.4	86.6
≥ 3500	.0	79.2	83.2	85.0	86.0	86.3	86.7	86.9	86.9	87.1	87.1	87.2	87.3	87.3	87.4	87.5
≥ 3000	.0	80.4	84.5	86.4	87.5	87.8	88.2	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.9	89.0
≥ 2500	.0	81.0	85.2	87.1	88.3	88.6	89.0	89.2	89.3	89.4	89.5	89.5	89.6	89.6	89.7	89.8
≥ 2000	.0	82.2	86.5	88.5	89.8	90.1	90.6	90.8	90.9	91.0	91.1	91.1	91.3	91.3	91.4	91.5
≥ 1800	.0	82.4	86.8	88.8	90.1	90.4	90.8	91.1	91.2	91.3	91.4	91.4	91.6	91.6	91.7	91.8
≥ 1500	.0	83.1	87.5	89.6	90.9	91.2	91.7	92.0	92.1	92.2	92.3	92.3	92.5	92.5	92.6	92.7
≥ 1200	.0	83.9	88.5	90.6	92.1	92.4	92.9	93.3	93.3	93.5	93.6	93.6	93.7	93.8	93.8	94.0
≥ 1000	.0	84.4	89.1	91.3	92.8	93.2	93.7	94.1	94.1	94.3	94.4	94.4	94.6	94.6	94.7	94.8
≥ 900	.0	84.7	89.4	91.7	93.2	93.6	94.2	94.5	94.6	94.7	94.8	94.9	95.0	95.0	95.1	95.2
≥ 800	.0	85.0	89.8	92.1	93.7	94.1	94.7	95.0	95.1	95.3	95.4	95.4	95.6	95.6	95.7	95.8
≥ 700	.0	85.2	90.1	92.5	94.2	94.6	95.2	95.6	95.7	95.9	96.0	96.0	96.1	96.2	96.3	96.4
≥ 600	.0	85.4	90.4	92.9	94.6	95.1	95.7	96.1	96.3	96.4	96.6	96.6	96.7	96.7	96.8	97.0
≥ 500	.0	85.6	90.7	93.2	95.1	95.6	96.4	96.9	97.0	97.2	97.3	97.3	97.5	97.5	97.6	97.7
≥ 400	.0	85.7	90.9	93.5	95.5	96.0	96.9	97.5	97.6	97.8	98.0	98.0	98.2	98.2	98.3	98.5
≥ 300	.0	85.8	91.0	93.8	95.7	96.3	97.2	97.9	98.1	98.4	98.6	98.6	98.8	98.9	99.0	99.2
≥ 200	.0	85.8	91.0	93.7	95.8	96.3	97.3	98.1	98.3	98.7	99.0	99.0	99.3	99.4	99.5	99.7
≥ 100	.0	85.8	91.0	93.7	95.8	96.3	97.4	98.1	98.3	98.7	99.0	99.1	99.4	99.5	99.7	100.0
≥ 0	.0	85.8	91.0	93.7	95.8	96.3	97.4	98.1	98.3	98.7	99.0	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 83725

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

21

1

JAN

MONTH

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2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	42.5			15.4						13.3	28.8	4.5	669
	03-05	41.5			14.7						14.2	29.6	4.7	675
	06-08	28.5			24.9						15.7	30.9	5.2	810
	09-11	27.4			21.4						18.4	32.8	5.6	836
	12-14	20.3			27.7						22.1	29.8	5.8	841
	15-17	20.1			27.6						22.7	29.6	5.8	845
	18-20	25.4			26.2						18.8	29.6	5.4	842
	21-23	39.9			16.2						16.4	27.5	4.7	803
TOTALS		30.7			21.8						17.7	29.8	5.2	6321

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	35.7			13.9						12.8	37.6	5.3	756
	03-05	33.7			13.4						13.5	39.4	5.6	756
	06-08	18.1			23.4						18.8	39.7	6.4	897
	09-11	18.0			25.5						16.3	40.2	6.3	927
	12-14	16.0			25.6						21.0	37.4	6.4	930
	15-17	15.5			23.0						23.4	38.1	6.6	929
	18-20	19.7			24.0						18.9	37.4	6.2	930
	21-23	33.3			19.2						14.2	33.4	5.2	896
TOTALS		23.8			21.0						17.4	37.9	6.0	7021

FORM
JUL 64

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY C

69-70, 73-80

STATION

STATION NAME

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
AUG	00-02	29.1			35.0						19.2	16.7	4.4
	03-05	27.2			38.6						17.5	16.7	4.4
	06-08	9.0			46.2						24.9	19.9	5.6
	09-11	8.7			42.4						28.4	20.4	5.9
	12-14	1.6			49.4						30.1	18.9	6.1
	15-17	3.7			44.3						33.4	18.6	6.2
	18-20	6.7			40.4						27.5	25.4	6.2
	21-23	21.2			40.1						17.6	21.1	4.9
TOTALS		13.4			42.1						24.8	19.7	5.5

NOTES: 1. A FORTION OF THIS FORM ARE OBSOLETE

SKY COVER

SEP

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	22.1			31.6						22.6	23.7	5.4	810
	03-05	24.3			35.0						18.2	22.4	4.9	802
	06-08	7.1			36.0						30.0	26.8	6.5	883
	09-11	8.4			33.2						31.8	26.6	6.5	900
	12-14	3.0			36.4						33.0	27.6	6.8	899
	15-17	5.5			31.6						37.3	25.7	6.9	899
	18-20	8.8			34.0						31.9	25.3	6.4	900
	21-23	18.5			31.6						25.9	23.9	5.7	869
TOTALS		12.2			33.7						28.8	25.3	6.1	6962

SKY COVER

OCT

NORTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
GCT	00-02	51.6			18.9						12.1	17.4	3.4	826
	03-05	48.3			18.8						12.2	20.7	3.7	812
	06-08	23.3			32.9						22.4	21.5	5.1	907
	09-11	27.6			29.3						21.5	21.6	5.0	924
	12-14	20.6			35.9						22.7	20.8	5.2	928
	15-17	20.8			33.5						26.9	18.8	5.3	929
	18-20	31.9			30.4						18.7	19.1	4.5	929
	21-23	46.1			23.1						14.2	16.6	3.6	903
TOTALS		33.8			27.9						18.8	19.6	4.5	7160

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

NOV

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	49.2			16.4						12.4	22.1	3.8	801
	03-05	49.8			14.7						12.2	23.4	3.9	804
	06-08	29.6			27.0						18.9	24.6	5.0	859
	09-11	31.3			22.8						20.9	24.9	5.1	898
	12-14	27.0			26.0						22.7	24.3	5.3	900
	15-17	23.9			26.6						23.0	26.6	5.5	900
	18-20	35.4			22.4						18.4	23.8	4.7	898
	21-23	48.2			16.1						10.4	25.4	4.0	895
TOTALS		36.8			21.5						17.4	24.4	4.7	6955

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70, 73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	45.0			13.5						14.9	26.6	4.4	828
	03-05	42.3			16.1						13.8	27.8	4.5	836
	06-08	26.6			26.3						17.6	29.4	5.3	897
	09-11	22.6			25.6						18.3	33.6	5.8	926
	12-14	20.8			27.6						18.4	33.2	5.8	928
	15-17	17.7			28.3						22.2	31.8	6.0	930
	18-20	30.9			23.9						15.8	29.4	5.1	929
	21-23	41.5			15.5						15.8	27.3	4.6	919
TOTALS		30.9			22.1						17.1	29.9	5.2	7189

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70,73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	29.3			17.9						17.1	35.7	5.6	6977
FEB		30.7			21.8						17.7	29.8	5.2	6321
MAR		23.8			21.0						17.4	37.9	6.0	7021
APR		29.3			26.1						18.5	26.0	5.1	6836
MAY		19.2			29.6						24.6	26.6	5.8	6992
JUN		12.6			34.1						27.0	26.4	6.1	6688
JUL		9.9			39.3						29.8	21.0	6.0	7073
AUG		13.4			42.1						24.8	19.7	5.5	7204
SEP		12.2			33.7						28.8	25.3	6.1	6962
OCT		33.8			27.9						18.8	19.6	4.5	7160
NOV		36.8			21.5						17.4	24.4	4.7	6955
DEC		30.9			22.1						17.1	29.9	5.2	7189
TOTALS		23.5			28.1						21.6	26.9	5.5	83378

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

DAILY TEMPERATURES

42-47, 49-54, 56-81
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.7	.3	.4					.1
95					.2	4.4	4.9	3.6	.7				1.1
90				1.2	4.5	16.0	26.7	20.9	6.3				6.3
85			.7	4.7	15.4	47.0	73.6	70.3	40.5	3.0	.1		21.0
80	.7	.8	3.5	14.8	44.1	83.4	96.2	95.2	77.3	24.9	3.1	.4	36.5
75	4.1	3.3	10.9	39.0	78.9	97.5	99.5	99.1	92.4	54.0	16.6	3.9	49.4
70	11.9	11.8	27.6	62.9	93.3	99.5	100.0	99.7	98.1	78.7	40.0	12.3	60.8
65	23.9	26.2	47.5	84.4	99.1	99.8		100.0	99.9	91.3	60.1	27.5	71.2
60	39.1	45.3	66.8	95.7	99.8	100.0			100.0	97.3	77.0	47.4	80.4
55	56.5	62.8	83.2	99.2	100.0					99.8	89.9	65.0	87.8
50	72.1	77.4	93.4	99.8						99.9	96.1	81.3	93.2
45	84.9	89.1	98.0	100.0						100.0	99.6	91.2	96.8
40	93.7	95.9	99.6								99.9	97.2	98.8
35	97.9	99.2	99.9								100.0	99.4	99.7
30	99.6	99.8										99.6	99.9
25	100.0	100.0	100.0									100.0	100.0
MEAN	56.2	57.6	63.5	72.0	78.8	84.4	87.0	86.5	82.7	74.5	66.1	58.2	72.3
S. D.	10.711	10.016	9.152	7.362	5.931	5.473	4.308	4.324	5.163	6.708	8.419	9.643	13.576
TOTAL OBS.	1116	1016	1085	1050	1085	1034	1055	1054	1019	1054	1058	1116	12742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
13717 MYRTLE BEACH AFB SC
STATION STATION NAME

DAILY TEMPERATURES

42-47, 49-54, 56-81
YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						.4	1.8	1.1	.5				.3
75					.9	11.1	25.7	24.5	8.3	.5			5.8
70				.7	11.2	47.5	79.0	73.0	39.0	4.3	.6		21.0
65			.6	7.9	40.6	78.6	94.8	92.5	67.6	14.2	3.0	.4	32.9
60	1.2	1.2	7.1	25.3	64.5	92.6	99.1	99.0	86.9	33.4	9.3	3.0	43.6
55	6.6	6.4	20.5	47.5	81.2	98.5	99.9	99.9	95.9	54.2	19.9	9.1	52.8
50	14.2	16.9	34.4	63.2	92.4	99.8	100.0	100.0	99.1	70.9	32.5	17.5	61.3
45	24.3	27.0	50.6	80.0	98.3	100.0			99.9	84.1	46.6	26.6	69.4
40	38.8	41.4	68.4	91.8	99.8				100.0	93.0	65.3	40.2	77.9
35	54.6	58.8	83.4	97.2	100.0					98.3	80.0	56.4	85.5
33	61.9	65.1	88.1	98.7						99.1	84.9	63.4	88.2
30	74.6	77.1	93.8	99.7						99.8	92.5	75.9	92.6
25	89.2	92.7	98.9	100.0						100.0	99.0	90.9	97.5
20	96.8	98.5	99.9								99.7	98.0	99.4
15	99.6	99.7	100.0								100.0	99.6	99.9
10	100.0	99.9										100.0	100.0
5		100.0											100.0
MEAN	36.9	37.9	44.9	52.7	61.4	68.4	72.1	71.4	66.8	54.5	44.3	37.8	54.1
S. D.	10.398	10.102	9.868	8.934	7.337	5.408	3.974	4.358	6.286	9.288	10.605	10.814	15.591
TOTAL OBS.	1116	1016	1085	1050	1085	1034	1055	1054	1019	1054	1058	1116	12742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC

AIR WEATHER SERVICE/MAC

13717 MYRTLE BEACH AFB SC

STATION

STATION NAME

42-47, 49-54, 56-81

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90						.2	.2	.1					.6
85					.2	4.8	8.5	6.8	1.2				1.8
80				.4	3.6	27.0	51.9	48.2	18.5	.9			12.4
75			.5	3.7	24.1	69.6	92.8	88.4	60.3	6.9	.7	.1	28.5
70	.2	.5	4.0	19.2	60.6	93.4	99.4	98.8	84.2	27.9	4.9	.6	40.6
65	3.7	3.8	13.5	43.6	82.2	98.8	100.0	99.8	96.3	54.8	16.0	4.9	50.9
60	11.6	13.1	31.5	65.3	94.8	99.8		100.0	99.5	76.3	35.2	14.4	61.3
55	23.2	26.6	49.6	83.5	99.7	100.0			100.0	89.9	54.0	25.4	70.6
50	37.6	42.5	68.2	95.1	100.0					97.1	73.1	42.8	79.4
45	57.9	61.7	85.7	99.4						99.5	87.8	62.2	87.6
40	75.1	79.4	95.2	100.0						100.0	97.2	81.9	93.9
35	89.5	92.8	99.2								99.4	92.7	97.7
30	96.5	98.5	99.8								99.9	98.7	99.4
25	99.4	99.6	100.0								100.0	99.6	99.9
20	100.0	100.0										100.0	100.0
MEAN	46.7	48.0	54.4	62.5	70.3	76.7	79.8	79.1	74.9	64.7	55.4	48.2	63.4
S.D.	9.882	9.412	8.927	7.483	5.865	4.742	3.591	3.808	5.193	7.364	8.810	9.532	14.235
TOTAL OBS	1116	1016	1085	1050	1085	1074	1058	1054	1019	1054	1058	1116	12742

OFFICIAL CLIMATOLOGY BRANCH
 REPORT
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1947 MYTILE BEACH AFB SC
 STATION STATION NAME

42-47, 49-54, 56-61
 YEARS

*HOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											83	71	
43	78	74	80	83	90	101	95	96	91	85	78	81	1.2
44	81	79	87	84	92	100	94	96	99	89	73	82	1.7
45	66	80	84	85	89	94	93	94	95	90	83	67	3.5
46	77	70	82	91	84	95	95	96	88	92	82	75	9.6
47	73	70	72	85	82*	91*	82						
49	87	79	81	85	93	93	100	92	93	83	77	75	1.7
50	81	80	83	86	88	99	93	94	91	85	83	70	9.9
51	71	81	75	83	91	91	94	97	98	93	82	8	5.7
52	82	76	78	81	93	104	101	92	91	86	77	69	1.4
53	75	76	82	84	98	98	99	99	88	84	75	74	5.9
54	77	76	80	81	86	103	98	104	90	92	75	69	1.4
56											80*	77	
57	79	83	71	82	89	93	95	95	93	79	75	71	5.7
58	83	73	71	89	85	98	93	96	93	84	81	73	5.8
59	63	76	76	86	96	101	92	93	91	88	78	65	1.7
60	76	70	73	83	93	93	95	95	91	85	78	71	5.9
61	61	74	81	86	87	91	97	94	95	84	78	71	5.7
62	73	83	71	84	93	90	95	90*	86	91	74	71	5.9
63	71	72	88	92	93	97	94	90	91	82	75	66	5.7
64	70	66	75	87	93	94	86	94	89	84	80	71	5.4
65	73	76	82	86	92	94	93	92	86	81	76	71	5.4
66	76	70	73	83	89	89	98	92	94	88	78	75	5.6
67	73	73	87	93	91	88	91	89	94	81	76	78	5.2
68	66	72	81	81	84	87	97	97	89	85	77	71	5.7
69	73	73	70	80	84	92	95	93	98	84	78	71	5.8
70	75	71	78	93	91	85	98	96	93	84	77	77	5.8
71	71	73	72	88	82	94	92	96	90	85	81	54	5.6
72	77	80	78	91	84	91	96	98	94	93	84	75	5.8
73	74	68	86	81	93	89	92	93	93	85	85	76	5.9
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

(AT LEAST ONE DAY LESS THAN 24 HRS)

FEDERAL CLIMATOLOGY BRANCH
WAFB/TAC
AT WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17 MYRTLE BEACH AFB SC
STATION

STATION NAME

42-47, 49-54, 56-61
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43	13	13	19	7	4	5	5	6	5	24	28	17	
44	19	21	27	19	45	56	59	63	59	21	28	17	
45	22	23	34	42	44	52	63	55	63	32	25	15	
46	22	26	32	36	49	48	57	6	15	19	32	24	
47	23	17	20	45	33	52	76						
48	31	30	28	34	46	55	65	67	61	42	24	18	
49	27	22	24	28	51	54	63	63	40	41	14	17	
50	13	18	31	36	45	57	54	59	54	43	27	17	
51	17	21	29	33	44	52	59	54	53	22	27	2	
52	23	26	19	19	51	49	51	44	53	37	26	11	
53	21	25	22	22	42	55	61	50	53	22	23	13	
54													
55													
56	13	29	22	37	45	64	66	61	47	2	29	17	
57	13	9	13	40	49	58	63	65	54	23	30	21	
58	13	22	25	4	43	56	67	67	56	43	26	24	
59	19	25	21	34	43	53	63	53	51	34	27	14	
60	13	25	34	37	43	57	63	67	57	25	25	22	
61	16	24	28	34	49	62	63	64*	43	31	31	11	
62	13	20	32	25	36	61	53	63	49	23	19	22	
63	13	24	25	34	49	57	61	61	55	34	33	24	
64	20	22	27	34	52	55	62	61	59	23	28	1	
65	13	20	29	33	46	50	64	61	56	41	28	23	
66	23	16	25	26	43	54	63	61	45	23	25	23	
67	20	19	28	37	47	59	67	60	59	24	25	21	
68	13	26	29	23	43	6	7	65	57	19	27	21	
69	13	24	29	26	49	61	63	65	47	20	15	24	
70	19	23	27	33	41	58	53	63	60	43	21	16	
71	13	23	31	31	51	52	13	61	57	24	24	1	
72	62	14	34	39	43	6	67	64	63	5	24		
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

(AT LEAST ONE DAY LESS THAN ...)

AD-A110 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81

UNCLASSIFIED USAFETAC/DS/81/080

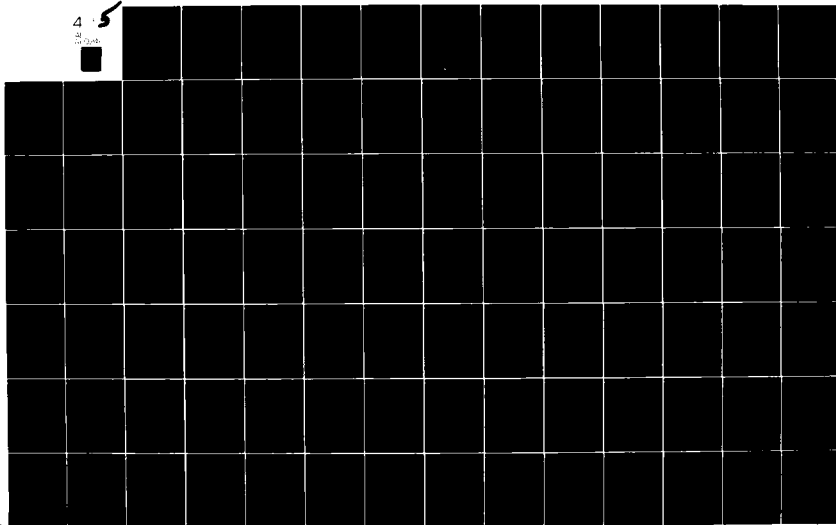
SBI-AD-E850 124

NL

4

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10/24/81





(AT LEAST ONE DAY LESS THAN 24 ORS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

70,74-81
YEARS

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67		.3			.3													4	4		
66/ 65		.8	.1	.1														8	8	3	2
64/ 63		.9	.3															9	9	6	2
62/ 61	.1	2.9																23	23	11	10
60/ 59	.1	1.7	.7		.3													21	21	29	18
58/ 57	.1	1.3	.1															12	12	20	21
56/ 55	.4	.7	1.5	.3				.1										22	22	11	22
54/ 53	.3	1.3	1.3	.7	.3													29	29	12	7
52/ 51	.8	.8	.8	.3	.5		.1											25	25	29	17
50/ 49	.1	1.7	1.7	.3	.7		.1											35	35	18	16
48/ 47	.7	3.2	.7	.9	1.3													51	51	35	31
46/ 45	.5	3.3	1.7	1.3	.3													54	54	49	26
44/ 43	.1	2.7	1.1	.9	.3	.5												42	42	31	32
42/ 41	.8	2.4	1.9	.1	.7													44	44	55	40
40/ 39	.4	3.7	1.5	.9	.8	.1												56	56	51	32
38/ 37	.1	2.9	.7	1.5	.5													43	43	55	32
36/ 35	.3	2.5	2.0	1.2	.1	.1												47	47	33	56
34/ 33		2.8	1.2	.7	.5													39	39	44	41
32/ 31	.3	3.6	.8	2.0	.1													51	51	52	28
30/ 29	.1	2.5	3.2	1.5														55	55	49	36
28/ 27		1.7	.7	.4														21	21	28	28
26/ 25	.1	1.2	.5	.5														18	18	55	43
24/ 23		.4	.3	.3														7	7	25	19
22/ 21		.7	.7	.3														12	12	11	31
20/ 19		1.1	.4															11	11	13	38
18/ 17		.9	.3															9	9	14	21
16/ 15		.3																2	2	8	18
14/ 13																				3	18
12/ 11																					22
10/ 9																					17
8/ 7																					9
6/ 5																					4
4/ 3																					3
2/ 1																					2
Element (X)	Σ H ¹		Σ H		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
0/-1																						4												
-2/-3																						3												
-4/-5																						1												
TOTAL	5.5	48.5	24.0	14.1	6.7	.8	.3	.1											750		750													
																		750		750														
Element (X)	Z _{X'}	Z _X	X	e _a	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	4439434	56222	75.0	17.328	750	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	1369816	30946	41.3	11.140	750		23.1	.5				93																						
Wet Bulb	1199303	28747	38.3	11.406	750		32.0					93																						
Dew Point	991936	25016	33.4	14.503	750	1.0	42.8					93																						

PSYCHROMETRIC SUMMARY

JAN

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

70, 73-81
YEARS

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
75/ 69		.1	.1															2	2		
68/ 67		.1	.2															3	3	2	
66/ 65		1.2	.1															12	12	4	6
64/ 63		1.7	.3	.2	.1													21	21	11	4
62/ 61	.1	3.5	.4		.1													37	37	22	18
60/ 59	.4	2.6	.1	.2														30	30	41	27
58/ 57	.1	2.5	.3		.1													27	27	32	43
56/ 55	.3	.9	.6	.1	.1													18	18	20	24
54/ 53	.7	.7	1.1	.1														23	23	20	19
52/ 51	.9	.9	.4															20	20	20	18
50/ 49	.9	2.1	.9															35	35	30	22
48/ 47	.6	3.5	.8	.1	.3													47	47	32	28
46/ 45	.4	3.8	.9	1.2	.4													61	61	45	33
44/ 43	1.0	2.8	.4	1.5	.2													53	53	51	46
42/ 41	.6	1.7	1.2	.9	.1													40	40	42	43
40/ 39	.1	2.0	1.6	.7	.2													41	41	31	21
36/ 37		3.2	1.1	.7														45	45	53	23
36/ 35	.4	3.0	1.3	1.2														54	54	49	37
34/ 33	.2	2.9	1.9	1.1	.3													58	58	53	45
32/ 31	.4	3.2	2.1	1.8	.3													71	71	52	56
30/ 29		1.5	1.9	.4														34	34	47	43
28/ 27	.3	2.2	.4	1.2														38	38	51	31
26/ 25	.2	2.9	2.2	.2														50	50	54	38
24/ 23	.6	1.3	.6	.1														23	23	39	35
22/ 21	.1	1.2	.2	.1														15	15	40	35
20/ 19	.1	.6	.7															12	12	15	39
18/ 17		.4	.6															9	9	10	36
16/ 15		.9																8	8	10	17
14/ 13		.8																7	7	12	26
12/ 11																				6	11
10/ 9																					32
8/ 7																					7
6/ 5																					8
4/ 3																					5
Element (X)	Σ X ²		Σ X		X	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					
Mean No. of Hours with Temperature																					
		≤ 6 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total							

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM 44

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

70,73-81

JAN
MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

[illegible]

2

YEARS

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

70,73-81

PAGE 2

JAN
MONTH
1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

70,73-81

YEARS

JAN
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
75/ 77							.1											1	1		
76/ 75					.2	.4	.2	.1	.2	.1								12	12		
74/ 73					.4	.2	.2		.1									9	9		
72/ 71				.5	.3	.1	.2		.1									12	12		
7 / 69			.2	.8	.3			.1			.1							14	14		
66/ 67		.2	.2	.5	.3	.1	.1		.1		.1							16	16	4	
66/ 65		1.2	.4	.5	.3	.2	.1		.4	.1								31	31	20	2
64/ 63		1.7	.3	.6	.2	.1		.2	.5									35	35	33	9
62/ 61		1.6	1.0	.5	.3	.1	.2	.9	.1									44	44	28	33
60/ 59	.1	2.7	.5	.4	.1	.8	.8	.6		.1								57	57	33	29
56/ 57	.3	2.0	.2	.9	2.0	.9	.6	.9	.3									76	76	53	45
56/ 55		1.1	.8	1.2	1.3	1.1	.9	.4										62	62	30	37
54/ 53		.9	1.2	1.0	.6	.6	1.8	.1	.2									60	60	20	29
52/ 51	.1	.9	.8	.6	1.7	.6	.5	.5										54	54	41	15
50/ 49	.3	.9	1.6	1.3	1.1	1.0	.9	.2										67	67	60	26
48/ 47	.1	2.0	1.2	1.5	1.9	1.0	.5	.2										79	79	69	24
46/ 45		2.0	1.3	.4	.8	.8	1.2											63	63	74	43
44/ 43	.1	1.0	.5	.8	1.0	2.2	1.0											60	60	80	54
42/ 41	.5	.3	.3	.8	1.5	.8	.3											42	42	77	45
40/ 39	.1	.8	.2	.8	1.1	1.5	.1											42	42	55	40
38/ 37	.3	.1	.4	.3	1.0	.9												28	28	37	44
36/ 35			.4		1.8	.1												22	22	40	39
34/ 33		.3	.5	.1	.6	.1												16	16	55	43
32/ 31		.3			.5													8	8	36	32
30/ 29				.4	.6													10	10	28	34
28/ 27	.2	.1		.6														9	9	26	46
26/ 25																				8	32
24/ 23																				9	23
22/ 21																				11	41
20/ 19																					18
18/ 17																					15
16/ 15																					26
14/ 13																					18
12/ 11																					21
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

2110500 JRY WFOO ENL AD CUNYHGT SCQVAM DRAM
 (A 70) C-07-0
 00 04
 00 04

YEARS

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

2

2

YEARS

HOURS (L. S. T.)

[illegible]

2

1

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

70,73,75-81
YEARS

FEB
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.4	.4														6	6		
66/ 65		.3	.1															3	3		
64/ 63		.4	1.0		.1													11	11	5	2
62/ 61		.7	1.2	.6			.1											18	18	7	1
60/ 59	.3	1.3	1.3		.4	.3												25	25	18	12
58/ 57	.4	2.4	.7															27	27	29	26
56/ 55	.3	1.3	1.9	.1	.1	.1												27	27	23	20
54/ 53	.1	.4	1.2		1.3	.7												24	24	16	19
52/ 51	.4	.3	1.3	.1	1.3													24	24	20	18
50/ 49		1.3	1.3	.4	.6													25	25	18	16
48/ 47		1.3	1.3	1.0	.6													29	29	23	16
46/ 45	.1	1.6	1.2	1.0	.6													31	31	30	19
44/ 43		2.4	2.2	1.0	.4													41	41	35	19
42/ 41	.6	1.9	1.5	1.0	.7	.1												40	40	37	17
40/ 39	.1	2.6	2.9	.9	.3													47	47	46	27
38/ 37	.3	4.7	1.3	.9	.1													50	50	39	33
36/ 35	.3	2.2	2.1	.7														36	36	61	47
34/ 33	.6	3.1	2.2	.9														46	46	45	45
32/ 31		2.1	2.5	1.9	.3													46	46	39	58
30/ 29	.3	2.6	3.2	.7														47	47	37	31
28/ 27	.3	2.8	1.5	.3														33	33	49	36
26/ 25		3.1	1.5	.3														33	33	48	39
24/ 23		.9																6	6	40	29
22/ 21		.4	.1															4	4	9	26
20/ 19			.1															1	1	5	37
18/ 17																					29
16/ 15																				1	23
14/ 13																					18
12/ 11																					5
10/ 9																					4
8/ 7																					5
2/ 1																					2
0/ -1																					1
Element (X)	Σ X ¹		Σ X ²		Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature							Total				
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

2

1

MONTH

YEARS

0300-0500

HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

73,73-81

YEARS

FEB

MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
STATION STATION NAME

70,73-81
YEARS

FEB
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
79 / 79										.1								1	1		
77 / 77							.2	.1				.7						5	5		
76 / 75					.1	.2	.1		.1	.1	.1							7	7		
74 / 73				.1	.2	.5	.7	.4	.1	.1								9	9		
72 / 71				.2	.5	.7	.4	.2										21	21		
70 / 69			.2	.1	.9	.5	.8		.4									25	25		
68 / 67		.1	.2	.8	.9	.5	.2	.5	.2	.6								35	35	4	
66 / 65		.1	.8	1.2	1.5	.6	.5	.2	.7	.1								49	49	11	2
64 / 63	.1	1.4	.6	1.2	1.1	1.1	.2	.8	.1	.5								60	60	21	6
62 / 61	.1	1.2	.6	1.3	1.2	.8	.9	.7	.2	.1								61	61	38	17
60 / 59		1.3	.6	1.1	.9	1.2	1.3	.8	.7									67	67	54	25
58 / 57		.5	.2	.6	.6	.9	.8	1.4	.1									44	44	54	32
56 / 55	.2	.5	.5	.4	1.3	.9	1.5	.6	.2	.1								53	53	37	38
54 / 53	.5	.6	.5	.2	.9	1.2	1.5	.4	.4									52	52	49	26
52 / 51		.2	.9	.6	.6	1.7	1.5	.6	.1									53	53	43	32
50 / 49		.4	.2	.1	1.4	.9	.9	.4										37	37	46	36
48 / 47		.4	.6	.4	.6	.7	1.5	.2										37	37	47	47
46 / 45		.2	.5	1.1	.6	2.4	1.1											49	49	52	19
44 / 43	.1	.2	.2	.2	.9	1.1	.6											29	29	56	27
42 / 41	.6	.5	.6	.8	1.1	.5	.4											37	37	60	32
40 / 39	.4	.7	.1	.2	1.8	1.5	.1											41	41	48	28
38 / 37		.5	.2	.5	1.2	1.9												36	36	46	34
36 / 35		.1	.1	.1	1.2	.2												15	15	53	33
34 / 33	.1	.1	.1	.2	.5													9	9	25	36
32 / 31		.4		.6	.1													9	9	33	42
30 / 29	.1	.4																4	4	34	45
28 / 27																				25	33
26 / 25																				9	26
24 / 23																					21
22 / 21																					29
20 / 19																					33
18 / 17																					22
16 / 15																					29
14 / 13																					23
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81

YEARS

FEB

MONTH

PAGE 2

1800-2000

HOURS (L. S. T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC 70,73-81 YEARS FEB
STATION STATION NAME HOURS (L. S. T.)
PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
65/ 67			.2	.1														3	3		
66/ 65		.1	.1	.4		.1		.2										8	8		
64/ 63		.6	1.1	.4	.1		.2	.1										21	21	3	
62/ 61		1.6	1.2	.5	.4	.4			.1									34	34	11	3
60/ 59		1.5	1.7	.7	.4	.7		.1										42	42	28	16
58/ 57	.5	2.2	2.7		.4	.6												52	52	40	32
56/ 55		1.5	1.5	.1	.7	.1	.4											35	35	36	32
54/ 53	.5	.4	1.6	1.2	.6	.6	.1											41	41	36	26
52/ 51	.4	1.2	1.0	1.2	.5	.9												42	42	30	30
50/ 49		2.0	2.0	1.5	1.0	.9												59	59	37	27
48/ 47	.2	2.6	1.1	1.1	1.0	.1												50	50	51	30
46/ 45		2.5	2.1	.6	.5	.1	.1											48	48	48	27
44/ 43	.2	2.3	1.9	1.6	.5	.2												55	55	63	37
42/ 41		2.5	2.0	.7	.5	.4												49	49	58	50
40/ 39	.6	1.5	1.1	.4	.6	.2												36	36	63	59
38/ 37	.1	2.5	1.4	.2	.6													39	39	42	50
36/ 35	.4	2.0	2.0	.5	.4													42	42	44	45
34/ 33	.1	2.3	1.6	1.1	.4													45	45	35	42
32/ 31	.1	3.6	1.7	1.4	.5													59	59	52	38
30/ 29	.1	.6	2.0	.4	.2													27	27	48	56
28/ 27		.7	.6	.1														12	12	31	45
26/ 25		.7	.4															9	9	33	28
24/ 23			.1															1	1	14	21
22/ 21																				6	13
20/ 19		.1																1	1	1	20
18/ 17																					25
16/ 15																					15
14/ 13																					16
12/ 11																					13
10/ 9																					3
8/ 7																					2
6/ 5																					1
2/ 1																					1
-2/ -3																					2
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) JAN 64

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

70,73-81

YEARS

FEB

MONTH

PAGE 2

2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73, 75-80

MAR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.1	.3													3	3		
72/ 71			.3		.1	.1											4	4		
70/ 69			.7			.1											6	6	2	1
68/ 67		.1	1.0	.1			.3										12	12	7	1
66/ 65		3.0	1.0	.1		.3	.3			.1							37	37	4	8
64/ 63		3.3	3.1	.3	.1		.1										53	53	32	10
62/ 61		2.7	2.1	.8			.4		.1								47	47	42	28
60/ 59		3.4	1.6	.4	.9	.1		.3									51	51	46	44
58/ 57		5.2	.8	.3	.8	.1		.1									56	56	53	50
56/ 55		2.7	3.5	.8	.1	.1	.1	.1									58	58	51	43
54/ 53	.5	3.4	2.7	1.2	.4	.4											66	66	45	50
52/ 51	.1	2.0	3.8	.9	.7	.1											58	58	61	35
50/ 49	.1	3.0	3.0	.8	.8	.3											61	61	56	50
48/ 47	.4	3.5	1.4	.8	.5	.3											53	53	69	52
46/ 45	.4	2.4	1.6	1.2	.5	.1											47	47	64	54
44/ 43	.3	.9	1.4	1.2	.7												34	34	44	63
42/ 41	.3	.9	1.0	.7	.3												24	24	31	40
40/ 39	.7	2.5	1.2	.3	.4												38	38	47	29
38/ 37		1.7		.1	.1												15	15	32	34
36/ 35		.8	.4	.1													10	10	33	35
34/ 33	.1	.4	.5	.1													9	9	10	28
32/ 31		.5	.8														10	10	8	31
30/ 29		.1	.3														3	3	11	15
28/ 27		.7	.1														6	6	5	12
26/ 25		.4															3	3	10	14
24/ 23		.1															1	1	2	8
22/ 21																				12
20/ 19																				12
18/ 17																				6
TOTAL	2.9	43.8	32.5	10.3	6.4	2.1	1.2	.5	.1	.1							765	765	765	
																	765		765	
Element (X)	Z _H		Z _L		I		°		No. Obs.		Mean No. of Hours with Temperature								Total	
Rel. Hum.	4827171		59859		78.2		13.729		765		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			93	
Dry Bulb	2151556		39938		52.2		9.332		765			2.8	3.0	.4					93	
Wet Bulb	1893983		37389		48.9		9.338		765			4.4	1.1						93	
Dew Point	1662641		34639		45.3		11.125		765			13.4	.2						93	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

MAP
MONTH

0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
74/ 73					.1													1	1				
72/ 71			.3															2	2				
70/ 69			1.0			.3												10	10				
68/ 67		.9	1.3	.3														19	19	2	2		
66/ 65		2.7	1.0	.1	.1	.5	.1											36	36	19	3		
64/ 63		3.4	1.3	.5	.3	.1												43	43	29	19		
62/ 61		2.9	1.0	.3														32	32	40	34		
60/ 59		3.7	2.7	.1	.3													52	52	40	37		
58/ 57		2.9	2.2	.3	.1													42	42	46	41		
56/ 55	.1	4.6	2.5	.4	.1	.1	.3											62	62	52	44		
54/ 53		2.2	3.8	.8		.4	.1											56	56	52	49		
52/ 51	.5	1.3	3.1	.8	.1	.1	.1											47	47	40	45		
50/ 49	.1	3.5	3.1	.3	.4	.1												58	58	46	32		
48/ 47		4.3	1.3	.9	.9													57	57	67	44		
46/ 45	.4	3.4	1.4	.7	.4													48	48	55	59		
44/ 43		1.3	1.7	1.7	.5													40	40	50	50		
42/ 41	.3	.8	1.2	.7														22	22	79	48		
40/ 39	1.3	2.0	2.4	.4	.1													47	47	42	37		
38/ 37	.1	1.7	1.0	.7														27	27	52	21		
36/ 35		2.5	.1	.3														22	22	32	28		
34/ 33			.5	.5														8	8	24	34		
32/ 31	.3	.7	.5															11	11	8	39		
30/ 29	.1	.4	.5															8	8	13	31		
28/ 27		.5	.1															5	5	11	13		
26/ 25		.8	.1															7	7	5	17		
24/ 23			.1															1	1	7	4		
22/ 21			.1															1	1	2	10		
20/ 19																				1	10		
18/ 17																					6		
16/ 15																					1		
14/ 13																					2		
12/ 11																					2		
TOTAL	3.3	46.5	34.8	9.6	3.5	1.7	.7																

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

MAR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
84/ 83										.1								1	1				
82/ 81						.1	.1	.1	.1									4	4				
80/ 79					.1		.1	.1	.1									4	4				
78/ 77				.1	.4	.2	.2	.1										10	10				
76/ 75				.3	.2	.1	.2	.1	.1									10	10				
74/ 73			.2	1.1	.8	.4	.8	.2	.1									33	33				
72/ 71		.1	.5	.4	1.1	.4	.4											28	28	8			
70/ 69		.1	1.1	1.0	1.2	1.3	.9	.2	.2	.3	.1							59	59	9	1		
68/ 67		.5	1.6	.6	1.2	.9	.4	.5	.2	.3								57	58	25	8		
66/ 65		1.6	1.0	1.7	1.6	.5	1.1	.1	.3									74	75	35	22		
64/ 63	.2	2.6	.5	1.6	1.2	.8	.8	.5	.3									79	79	63	34		
62/ 61	.1	2.6	1.0	1.2	1.1	.5	.2	.4	.1	.1								68	68	69	47		
60/ 59	.5	1.9	1.7	.9	1.5	1.3	.6	.8	.4									90	90	79	59		
58/ 57	.1	.5	1.2	1.1	1.0	.6	.4	.8										53	53	72	58		
56/ 55	.1	.2	1.5	1.3	1.1	.6	.9	.5										57	57	50	50		
54/ 53		1.2	2.3	.6	.5	1.1	1.3	.1										66	66	64	43		
52/ 51		1.6	1.3	.4	.8	.9	.8											53	53	70	63		
50/ 49		.9	.2	.6	1.1	.8	1.1											43	43	75	48		
48/ 47	.2	1.4	.2		.8	1.2	.3											38	38	56	67		
46/ 45	.1	.3	.1	.8	.5	.6	.3											26	26	36	51		
44/ 43	.2	.4	.3	.3	.4	.6												22	22	52	44		
42/ 41	.1	.1	.3		.6	.3												14	14	37	35		
40/ 39	.8		.1	.4	.5	.2												19	19	41	35		
38/ 37			.1	.1	.2													4	4	30	10		
36/ 35			.2	.3														5	5	15	22		
34/ 33			.2	.1														3	3	16	21		
32/ 31			.1															1	1	11	37		
30/ 29				.1														1	1	6	23		
28/ 27			.1															1	1	2	23		
26/ 25		.3																3	3	3	29		
24/ 23			.1															1	1	2	16		
22/ 21																				1	23		
20/ 19																					14		
18/ 17																					18		
Element (X)	Σ X'		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

MAP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87												.2	.1						3	3				
86/ 85							.1			.1	.4	.1							7	7				
84/ 83							.1		.1	.2									4	4				
82/ 81						.3	.3	.4	.2										12	12				
80/ 79					.2	.4	.2	.2	.1										11	11				
78/ 77					.3	.3	.3		.1										10	10				
76/ 75				.4	1.2	.3	.1	.2		.1									23	23				
74/ 73				1.0	.3	1.0	1.0	.3	.2	.2	.2	.2	.1						41	41	2			
72/ 71			.3	.8	1.2	1.1	.8	.8	.4		.3								52	52	7			
70/ 69			1.1	1.5	1.4	1.6	1.5	.3	.5	.2	.1	.1							78	78	18	1		
68/ 67		.1	2.4	1.0	1.3	1.6	.5	.6	.2	.4	.1								77	77	42	7		
66/ 65		1.1	1.2	1.0	.6	1.5	.8	.9	.8	.3	.1								76	76	32	26		
64/ 63	.1	2.3	1.0	1.3	1.9	1.3	1.0	.8	.4	.3									96	96	86	29		
62/ 61		.8	.8	1.5	1.0	1.3	.4	.5	.6	.1									65	65	70	59		
60/ 59		1.3	1.8	.5	1.5	1.4	1.5	.9	.6										89	89	59	60		
58/ 57		.6	.9	1.5	.4	.6	1.1	1.4	.2										63	63	86	41		
56/ 55		.6	1.0	1.3	.6	1.6	1.2	.4	.3										66	66	79	63		
54/ 53		1.2	.5	.2	.1	1.0	1.0	.5											42	42	58	53		
52/ 51		.3	.3	.2	.3	1.1	.5	.4											30	30	88	58		
50/ 49		.4			.5	.2	.3	.1											15	15	59	66		
48/ 47		.3	.1		.6	.4	.4												18	18	38	44		
46/ 45		.5		.1	.5	.2	.4												17	17	57	53		
44/ 43		.4	.1	.1		.4	.1												11	11	41	42		
42/ 41		.1		.1															2	2	35	36		
40/ 39	.5			.2	.4	.1													12	12	29	27		
38/ 37	.1				.1														2	2	11	25		
36/ 35																					15	25		
34/ 33					.1														1	1	4	28		
32/ 31		.3		.1															4	4	8	24		
30/ 29																					1	38		
28/ 27																					1	4		
26/ 25		.3																	3	3	3	12		
24/ 23																					1	15		
22/ 21																						21		
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

MAR

MONTH

i

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

YEARS

MONTH

1500-1700

1950-1955
HOURS (L. S. T.)

[illegible]

2

YEARS

MAR

MONTH

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80

YEARS

MAR
MONTH

PAGE : 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
74/ 73						.1												1	1															
72/ 71								.1		.1								2	2															
70/ 69		.2	.7	.4	.3	.2	.1			.1								19	19															
68/ 67		.7	1.7	.3	.4	.2	.1	.2										33	33	4														
66/ 65		2.6	1.2	1.0	.4	.1		.1	.1	.1								51	51	15														
64/ 63	.1	2.6	2.7	1.2	.6	.3		.1	.3									71	71	47														
62/ 61		2.4	2.3	1.0	.6	.2	.3											62	62	44														
60/ 59		4.3	2.3	.8	1.1	.4												81	81	73														
58/ 57	.1	4.7	2.1	.8	1.6	.2	.1											86	86	74														
56/ 55	.3	3.8	2.8	1.3	.7	.1	.2											83	83	84														
54/ 53	.2	2.8	3.3	1.8	.9	.7	.1											88	88	70														
52/ 51		2.0	3.2	1.1	.4	1.0	.2											72	72	71														
50/ 49	.3	1.1	1.4	1.3	.4	.7												48	48	92														
48/ 47		1.3	1.2	1.1	.8	.6												45	45	55														
46/ 45	.2	1.2	2.3	.8	.4	.2												47	47	55														
44/ 43	.1	1.0	.8	1.1	.2													29	29	42														
42/ 41		.4	1.7	.7														25	25	47														
40/ 39	.3	1.3	.4	.4	.1													24	24	42														
38/ 37	.2	.2	.2	.3														9	9	45														
36/ 35			.2	.2														4	4	9														
34/ 33			.3	.4														7	7	4														
32/ 31		.2	.2															4	4	6														
30/ 29		.1	.1															2	2	8														
28/ 27		.2																2	2	5														
26/ 25		.4																4	4	5														
24/ 23																				2														
22/ 21																																		
20/ 19																																		
16/ 15																																		
TOTAL	2.0	33.7	31.4	16.2	9.0	5.1	1.2	.6	.4	.3									899		899													
																		899		899														
Element (X)	Σx'			Σx			Σ	Σ _s	No. Obs.			Mean No. of Hours with Temperature																						
Rel. Hum.	5362030			68050			75.7	15.328	899			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb	2751539			49147			54.7	8.491	899				1.2	5.7	.1			97																
Wet Bulb	2377147			45575			50.7	8.619	899				2.7	.4				93																
Dew Point	2060357			41929			46.6	10.803	899				11.3	.1				93																

PSYCHROMETRIC SUMMARY

YEARS

APR

MONTH

0300-0500

HOURS (L. S. T.)

2

1

APR
MONTH

0600-0800
HOURS (L. S. T.)

USAFETAC
FORM
JA 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

YEARS

APR

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.2	.2			.1						5	5		
84/ 83						.1	.2	.1	.2	.1		.1						8	8		
82/ 81						.2	.4	.2	.6	.2	.2	.1						18	18		
80/ 79					.4	.6	1.2	.1	.4	.4		.1						30	30		
78/ 77			.1	.6	1.2	1.9	1.1	1.1	.2	.2	.1							59	59		
76/ 75				1.6	1.8	1.8	2.1	.3	.4	.2	.2	.1						77	77	1	
74/ 73		.2	.9	2.5	2.5	2.1	1.3	.8	.6	.1	.2							100	100	7	1
72/ 71		.2	1.7	1.8	2.0	1.2	1.3	.9	.2	.8		.1						92	92	19	1
70/ 69		.6	1.7	1.1	2.1	.6	1.4	.8	.9	.6								87	87	66	9
68/ 67		.4	1.0	1.3	.7	.8	1.0	1.2	1.4									71	71	93	39
66/ 65		.4	.7	1.1	.9	.9	1.1	1.0	.8									62	62	92	58
64/ 63	.1	.6	.9	.7	1.2	1.0	1.8	1.2	.6	.1								73	73	92	61
62/ 61		.4	.4	1.0	.9	.6	1.9	.8	.1									55	55	76	64
60/ 59		.2	1.0	1.2	.4	.8	1.8	.7	.4	.2								61	61	63	56
58/ 57			.4	.4	.6	.7	.6	1.4	.1	.1								39	39	49	76
56/ 55			.1	.6	.1	1.0	.9	.7	.1									31	31	59	57
54/ 53		.1		.1	.1	.3	.7	.1										13	13	74	40
52/ 51		.2	.3			.1	.2											8	8	58	37
50/ 49						.3	.1											4	4	52	49
48/ 47		.2	.1			.1												4	4	33	40
46/ 45																				26	47
44/ 43																				25	22
42/ 41																				16	37
40/ 39																				5	28
38/ 37																				1	35
36/ 35																					30
34/ 33																					26
32/ 31																					12
30/ 29																					12
28/ 27																					14
26/ 25																					13
24/ 23																					12
22/ 21																					9
20/ 19																					2
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

ADD
MONTH

3

USAFETAC FORM JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80

YEARS

APR
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
92/ 91														.1				1	1				
91/ 89									.1			.1	.2	.2				6	6				
88/ 87								.1	.2		.3	.6						11	11				
86/ 85							.1	.2		.2	.8	.1	.1					14	14				
84/ 83						.1		.1	.2	.2	.4	.2						12	12				
82/ 81					.4	.2	.6	.4	.3	.2	.1	.3						24	24				
80/ 79					.9	1.9	.8	.7	.7	.2	.4	.1	.2					53	53				
78/ 77				.8	2.0	2.1	1.9	.4	.3	.4	.7	.2						80	80				
76/ 75			.3	2.8	2.7	3.9	2.0	.2	.7	.2	.3	.2						120	120				
74/ 73		.1	.2	1.7	1.7	1.6	1.1	.8	.3	.8	.3	.1						78	78	11			
72/ 71		.4	.6	1.4	1.8	1.4	1.2	1.4	.3	.6	.2							85	85	38			
70/ 69			1.1	.8	1.4	1.0	1.3	.8	1.0	1.6	.1							82	82	71	20		
68/ 67	.1	.3	.4	.8	1.3	1.9	1.0	2.1	1.1	.4	.1							87	87	90	41		
66/ 65		.4	.3	1.2	1.6	1.1	1.3	2.0	1.3	.4	.4							89	89	121	54		
64/ 63		.3		.6	1.0	1.2	.9	1.0	1.2	.3								59	59	72	64		
62/ 61			.1	.4	.3	.6	.1	.7	1.1	.1								31	31	66	70		
60/ 59			.8	.1		1.0	.3	1.2	.8									38	38	60	49		
58/ 57		.3	.3		.2			.3										11	11	80	70		
56/ 55		.2	.4	.2			.2	.1										11	11	59	55		
54/ 53				.3			.1											4	4	69	39		
52/ 51		.1																1	1	58	67		
50/ 49																				45	54		
48/ 47																				22	36		
46/ 45																				24	26		
44/ 43																				10	31		
42/ 41																				1	36		
40/ 39																					41		
38/ 37																					21		
36/ 35																					30		
34/ 33																					26		
32/ 31																					17		
30/ 29																					14		
28/ 27																					17		
26/ 25																					9		
Element (X)	Σ X'		Σ X		X		C _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 73-80

APR

MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93														.1				1	1			
92/ 91														.2				2	2			
90/ 89									.2		.1	.1	.2					6	6			
88/ 87							.1				.2	.2	.1	.2				8	8			
86/ 85								.2				.1			.1			4	4			
84/ 83							.1	.1	.1	.1	.1	.1						6	6			
82/ 81						.6		.3	.1				.3					12	12			
80/ 79					.3	.8	.4	.6	.9	.4		.7	.2					39	39			
78/ 77				.6	2.2	1.6	1.0	.8	.7	.2		.1						64	64			
76/ 75		.1		2.1	3.0	2.1	1.3	.7	.2	.3	.4							93	93	1		
74/ 73			1.0	3.0	1.6	2.3	1.1	.4	.8	.4	.7							102	102	8		
72/ 71		.4	1.1	2.2	2.9	1.6	1.8	.7	.6	.4	1.2							116	116	21	1	
70/ 69		.2	1.3	1.0	3.1	1.4	1.8	1.2	1.2	.6	.3	.2						112	112	68	12	
68/ 67		.6	.4	.8	1.6	1.3	2.1	1.3	1.2	.8	.6							96	96	86	45	
66/ 65		.2	.6	1.1	1.2	.9	1.1	1.2	1.3	1.0								78	78	96	55	
64/ 63			.6	.7	2.1	1.2	1.0	.7	.6	.1								62	62	95	55	
62/ 61		.1	.4	.9	.8	.7	.6	.2	.6									38	38	81	64	
60/ 59		.6	.7	.2	.1	.6	.3	.3	.4									29	29	71	55	
58/ 57		.3	.9		.2		.2	.4										19	19	90	73	
56/ 55		.2	.1	.3			.2											8	8	79	69	
54/ 53				.3		.1												4	4	72	55	
52/ 51																				46	60	
50/ 49																				39	53	
48/ 47																				28	42	
46/ 45																				8	33	
44/ 43																				8	33	
42/ 41																					26	
40/ 39																					35	
38/ 37																					22	
36/ 35																					30	
34/ 33																					19	
32/ 31																					15	
30/ 29																					10	
28/ 27																					15	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb																						
Wet Bulb																						
Dew Point																						

2

YEARS

APR
MONTH

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 73-80

YEARS

APR
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-77, 73-80

APR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		Dry Bulb	Wet Bulb	Dew Point
80/ 79										.1							1	1		
78/ 77				.2	.2					.2							6	6		
76/ 75				.6	.1												6	6		
74/ 73		.2	.6	1.0	.5		.2	.1									23	23	1	
72/ 71		.2	2.5	1.4	.2	.1	.5		.1	.1							45	45	4	
70/ 69		1.5	3.6	3.3	1.5	.7		.1	.2	.1							96	96	25	5
68/ 67		2.0	4.6	2.3	.9	.5	.5	.2	.3	.1							99	99	53	31
66/ 65	.2	3.1	5.1	2.2	1.4	.3	.2	.2	.2								113	113	62	46
64/ 63		3.0	2.8	2.4	2.4	.9	.6	.1									106	106	109	68
62/ 61		1.1	1.3	1.3	.8	.7	.9	.1									54	54	96	88
60/ 59	.2	.5	2.3	1.5	2.0	1.1	.1	.2		.1							69	69	75	78
58/ 57		.7	3.3	1.6	1.7	.1	.1	.2	.1								69	69	56	53
56/ 55		.6	1.8	1.1	.7	1.0	.2										48	48	63	59
54/ 53		.8	1.5	1.1	.8	.5		.1									42	42	78	40
52/ 51		.9	1.3	.5	.5	.1	.1										29	29	62	62
50/ 49		.3	1.4	.8	.3	.3											28	28	60	57
48/ 47		.8	.2	.6	.1	.1											16	16	33	50
46/ 45		.3	.3	.1													7	7	42	40
44/ 43		.2	.7	.1	.1												10	10	22	46
42/ 41			.1														1	1	13	37
40/ 39				.1													1	1	13	30
38/ 37			.1														1	1		15
36/ 35																			1	28
34/ 33																			2	16
32/ 31																				2
30/ 29																				5
28/ 27																				6
26/ 25																				5
24/ 23																				1
22/ 21																				1
20/ 19																				1
TOTAL	.5	16.3	33.4	22.3	14.3	6.6	3.4	1.5	1.0	.7							870	870		870
																	870		870	
Element (X)	Σx'		Σx		x		x _n		No. Obs.		Mean No. of Hours with Temperature								Total	
Rel. Hum.	4728570		62828		72.2		14.840		870		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F				
Dry Bulb	3419289		54187		62.3		7.141		870				28.6	3.7					90	
Wet Bulb	2886318		49680		57.1		7.541		870				8.6	.1					90	
Dew Point	2501567		45849		52.7		9.909		870			2.2	3.7						90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10717 MYRTLE BEACH AFB SC

69-70, 73-80

APR

MONTH

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
94/ 93														.0																		1	1		
92/ 91														.0																		3	3		
90/ 89												.0	.0	.1	.0																13	13			
88/ 87							.0	.0	.0		.1	.1	.0	.0																	19	19			
86/ 85							.0	.1	.0	.0	.1	.1	.0			.0															25	25			
84/ 83						.0	.0	.0	.1	.1	.1	.1		.0																	28	28			
82/ 81					.1	.2	.1	.1	.1	.1	.1	.1	.0																		57	57			
80/ 79					.2	.4	.3	.2	.3	.2	.1	.1	.1																		126	126			
78/ 77			.0	.3	.8	.7	.5	.3	.2	.2	.1	.1																			223	223			
76/ 75		.0	.1	1.2	1.2	1.0	.7	.2	.2	.1	.1	.0																			337	337	2		
74/ 73		.1	.6	1.6	1.0	.9	.5	.3	.3	.2	.2	.0																			392	392	30	1	
72/ 71		.4	2.1	1.6	1.2	.8	.8	.5	.2	.3	.2	.0																			555	555	95	3	
70/ 69		.9	2.8	1.5	1.7	.8	.7	.4	.5	.4	.1	.0																			675	675	320	69	
68/ 67	.0	1.4	2.6	1.5	1.2	.8	.7	.7	.6	.2	.1																				670	670	520	260	
66/ 65	.1	1.9	1.9	1.8	1.2	.8	.6	.7	.5	.2	.1																				668	668	617	398	
64/ 63	.1	2.0	1.6	1.3	1.5	.9	.8	.5	.4	.1																					620	621	679	486	
62/ 61	.1	1.1	1.1	1.2	.8	.6	.6	.3	.3	.0																					418	418	641	559	
60/ 59	.0	.8	1.5	1.3	.7	.8	.4	.4	.2	.0																					433	433	530	468	
58/ 57	.0	.7	1.5	.7	1.0	.3	.2	.4	.0	.0																					335	335	503	486	
56/ 55	.0	.8	1.4	1.0	.5	.6	.3	.2	.0																						327	327	488	431	
54/ 53	.0	.5	1.0	.8	.4	.4	.2	.0																							220	220	545	352	
52/ 51	.1	.7	1.0	.4	.4	.2	.1																								195	195	451	455	
50/ 49	.0	.5	.7	.3	.3	.2	.0																								149	149	409	424	
48/ 47	.0	.9	.5	.3	.2	.0																									139	139	299	343	
46/ 45	.0	.4	.4	.2	.2	.0																									83	83	258	325	
44/ 43		.4	.3	.1	.0																										64	64	179	294	
42/ 41	.0	.2	.2	.1																											37	37	132	295	
40/ 39	.0	.1	.1	.1																											22	22	79	264	
38/ 37		.1	.0	.0																											8	8	44	194	
36/ 35		.0	.0																												6	6	15	213	
34/ 33		.0	.1																												5	5	12	142	
32/ 31		.0																													3	3	2	94	
30/ 29																																	6	77	
28/ 27																	</																		

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 73-80

YEARS

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

MAY
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

MAY
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
82/ 81				.3	.2																5	5		
80/ 79			.4	.5	.3																12	12		
78/ 77		.2	.4	1.1	1.0	.1															26	26	1	
76/ 75		.5	2.6	2.0	.6	.3															57	57	10	4
74/ 73		2.6	3.7	3.6	.6	.3		.1													101	101	30	13
72/ 71	.2	4.0	5.1	1.9	.8	.6															117	117	63	39
70/ 69	.2	4.2	7.1	1.6	1.8	.9	.2														149	149	127	76
68/ 67	.4	3.5	5.1	1.1	1.3	1.3		.1													118	118	127	112
66/ 65		3.2	2.3	1.2	.8		.1														70	70	114	119
64/ 63		3.2	1.3	1.7	.6	.1		.1													66	66	97	100
62/ 61		2.3	2.5	.5	.6	.2															57	57	82	91
60/ 59		1.8	1.5	.5	.1	.1		.1													39	39	66	64
58/ 57	.2	1.2	1.1	.8	.2	.3	.1														36	36	66	52
56/ 55		1.3	.3	.4	.1	.1															21	21	37	56
54/ 53	.1	.9	.6	.4	.2	.1															22	22	33	58
52/ 51		.5	.5	.1																	11	11	21	34
50/ 49		.6	.2	.1	.1																10	10	20	26
48/ 47		.3																			3	3	15	26
46/ 45		.2	.3	.1																	6	6	10	12
44/ 43		.1																			1	1	2	9
42/ 41																								
40/ 39																							5	10
36/ 37																								
36/ 35																								4
34/ 33																								2
32/ 31																								4
TOTAL	1.2	30.7	35.1	18.1	9.5	4.5	.4	.4													927	927	927	927
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	6089641		74387		80.2		11.406		927		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					93			
Dry Bulb	4234078		62334		67.2		6.780		927				58.7	20.2	1.0						93			
Wet Bulb	3763758		58730		63.4		6.808		927				35.9	4.1							93			
Dew Point	3481827		56331		60.8		7.966		927				.4	24.5	1.7						93			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
89							.1	.2		.1								4	4					
88							.2	.2	.2									6	6					
86				.1	.4	.3	.5	.3	.5	.2	.1							24	24					
84			.2	.3	.8	1.4	.9	.8	.1	.2								43	43					
82			.1	.5	.6	1.3	2.0	.9	.1	.1								53	53					
80		.1	.4	1.7	2.6	3.7	1.2	1.0	.5	.1	.1							106	106	3	1			
78			2.2	3.6	5.3	1.4	1.4	1.3	.4	.4	.1							146	146	17	1			
76		.1	2.4	4.0	3.8	3.0	1.1	.6	.4	.3								146	146	22	10			
74		.4	2.4	4.8	1.9	2.0	1.9	1.0	.4									139	139	84	21			
72		1.1	2.7	1.0	1.7	1.5	.9	.8	.3	.1								93	93	128	48			
70		.4	1.3	.2	.9	1.1	1.1	.5	.5	.1								57	57	178	108			
68		.1	.4	.3	.6	.4	.8	.9	.2	.2								37	37	124	101			
66		.1	.3	.3	.5	.2	.4	.4	.2	.1								25	25	85	134			
64		.3		.4	.5	.1	.3	.1	.2									19	19	70	93			
62		.2	.2	.4			.2	.3	.1									14	14	59	63			
60		.4		.1	.1	.1		.1										8	8	45	64			
58			.3	.1	.1			.1										6	6	40	40			
56			.2															2	2	22	55			
54			.1															1	1	25	40			
52																				14	27			
50																					7	29		
48																				5	24			
46																					1	11		
44																						16		
42																						14		
40																						8		
38																						5		
36																						2		
34																						1		
32																						8		
30																						5		
TOTAL		3.3	13.2	18.0	19.6	16.6	13.0	9.5	4.4	2.0	.3							929		929		929		
																		929		929				
Element (X)	Σ x²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3989517		59269		63.8		14.980		929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	5246389		69613		74.9		5.691		929				85.5	66.8	18.1		93							
Wet Bulb	4149588		61824		66.5		6.164		929				55.7	12.6	.2		93							
Dew Point	3552657		56839		61.2		8.995		929				1.3	29.0	3.3		93							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1								1	1		
92/ 91							.1		.1	.4	.3							9	9		
90/ 89						.1	.5	.4	.1	.6		.1						18	18		
88/ 87							.3	.6	.2	.5	.2	.2						20	20		
86/ 85			.1		.5	.4	.8		.3	.3	.4							27	27		
84/ 83			.4	.5	1.2	1.6	1.2	1.1	.4	.3	.2	.1	.1					67	67		
82/ 81	.1	.3	1.2	2.2	3.3	1.3	1.6	.8	.4	.1	.1							106	106	1	
80/ 79		.8	3.4	4.7	4.1	1.5	1.3	1.2	.6	.3								160	160	12	
78/ 77			1.3	2.0	4.2	2.3	1.4	2.6	1.1	.3								141	141	20	
76/ 75		.1	1.4	3.7	2.5	3.9	1.7	1.1	.4	.4	.1							142	142	48	
74/ 73		.5	1.8	1.1	.9	1.3	.8	.6	.5	.4	.1							75	75	119	
72/ 71		1.0	1.5	.4	1.3	.9	.4	.8	.4	.4	.2	.3						71	71	151	
70/ 69		.5	1.1		.2	.2	.5	.2	.5	.2	.1							34	34	145	
68/ 67			.1		.8	.1	.8	.4	.3	.3								26	26	105	
66/ 65			.1	.4	.4				.7	.1								12	12	88	
64/ 63		.3	.2															5	5	73	
62/ 61		.2		.1	.1	.2												6	6	51	
60/ 59		.2	.1	.3														6	6	36	
58/ 57			.1	.1														2	2	25	
56/ 55			.1															1	1	21	
54/ 53			.1															1	1	18	
52/ 51																				7	
50/ 49																				10	
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
Element (X)	Σ X ²		Σ X		Σ	Σ n		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 73-80

YEARS

MAY

MONTH

PAGE 7

1200-1400
HOURS (L. S. T.)

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1								1	1	
92/ 91										.4	.2							6	6	
90/ 89							.5	.1	.1	.1	.2							10	10	
88/ 87						.4	.2	.2	.1	.1	.1	.2						13	13	
86/ 85					.2	.1	.2	.5	.1			.1	.1					13	13	
84/ 83				.2	1.0	1.0	1.3	.5	.8	.1	.2		.1	.1				48	48	
82/ 81			.3	.5	1.9	1.6	1.0	.4	.2	.2	.6							64	64	
80/ 79			1.0	3.5	4.0	3.0	1.5	.9	.9	.3	.3							143	143	
78/ 77			1.6	3.3	6.2	2.4	1.4	1.1	.9	.3								160	160	22
76/ 75		.9	1.7	3.8	3.0	2.3	2.0	1.1	.3	.9								148	148	32
74/ 73		.4	1.9	3.2	2.5	1.7	1.1	.9	.2	.4		.1						116	116	123
72/ 71		1.5	2.6	1.5	1.2	1.5	1.1	.8	.8	.2	.2	.1						106	106	139
70/ 69		.8	.4	.4	.6	.4	.3	.2	.2		.1	.2						35	35	165
68/ 67		.9	.2	.2	.8	.5	.3	.5	.1		.2							35	35	112
66/ 65		.1	.4	.6		.2	.3	.1										17	17	88
64/ 63			.2	.2	.2	.1												7	7	75
62/ 61				.1	.1													2	2	67
60/ 59																			33	53
58/ 57			.3															3	3	31
56/ 55																			19	53
54/ 53		.3																3	3	14
52/ 51																			5	35
50/ 49																			5	25
48/ 47																				19
46/ 45																				17
44/ 43																				9
42/ 41																				13
40/ 39																				9
38/ 37																				1
36/ 35																				3
34/ 33																				2
32/ 31																				2
30/ 29																				2
28/ 27																				2
26/ 25																				2
24/ 23																				2
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 73-80

MAY

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13717	MYRTLE BEACH AFB SC
STATION	STATION NAME

69-70, 73-80

YEARS

MAY

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.0								2	2		
92/ 91								.0	.0	.1	.1							15	15		
90/ 89						.0	.2	.1	.0	.1	.0	.0						33	33		
88/ 87						.1	.1	.1	.1	.1	.0	.1						41	41		
86/ 85			.0	.0	.2	.2	.2	.1	.1	.1	.1	.0	.0					69	69		
84/ 83			.1	.2	.4	.6	.4	.3	.2	.1	.1	.0	.0					165	165		
82/ 81		.0	.1	.5	.7	.9	.6	.4	.2	.1	.1	.0						254	254	1	
80/ 79		.1	.5	1.6	1.7	1.5	.6	.4	.4	.1	.1							487	487	15	4
78/ 77		.1	1.0	2.0	2.7	.9	.7	.7	.3	.2	.0							602	602	68	8
76/ 75	.0	.5	2.1	3.1	1.8	1.6	.7	.5	.2	.2	.0							747	747	144	39
74/ 73	.1	1.4	3.2	3.5	1.2	1.0	.8	.4	.2	.1	.0	.0						834	834	487	155
72/ 71	.2	2.8	5.1	1.7	1.3	.9	.5	.3	.3	.1	.1	.1						934	934	736	362
70/ 69	.1	2.1	5.0	1.2	1.1	.8	.4	.1	.2	.0	.0	.0						787	787	1064	664
68/ 67	.1	2.0	3.1	1.0	1.0	.5	.4	.3	.1	.1	.0							612	612	988	869
66/ 65	.1	1.6	1.2	1.1	.4	.2	.2	.1	.1	.0								353	353	833	955
64/ 63	.1	1.3	1.0	.6	.4	.2	.1	.1	.0									263	263	679	709
62/ 61	.1	1.0	1.0	.5	.3	.1	.0	.1	.0									222	222	512	629
60/ 59	.0	1.1	.9	.3	.2	.0	.0	.0										176	176	410	450
58/ 57	.1	.7	.7	.3	.2	.1	.0	.0										142	142	342	382
56/ 55	.0	.5	.2	.2	.0	.0												72	72	226	449
54/ 53	.1	.4	.3	.2	.1	.0												69	69	176	317
52/ 51	.0	.4	.2	.1	.0													56	56	108	238
50/ 49		.2	.2	.1	.0													35	35	101	207
48/ 47		.1	.1	.0	.0													17	17	49	139
46/ 45		.1	.1	.0														16	16	34	98
44/ 43		.0																2	2	16	87
42/ 41																				13	76
40/ 39																				3	47
38/ 37																					26
36/ 35																					19
34/ 33																					12
32/ 31																					22
30/ 29																					9
28/ 27																					5
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OLA) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 64

USAFETAC

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 73-8,

YEARS

JUN

PAGE 1

0300-0566

HOURS (L. S. T.)

2

1

YEARS

JUN
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L, S, T.)

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

JUN
MONTH

1250-140
MOORE (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97									.1	.1								1	1			
96/ 95									.3	.7	.7	.1	.3					1	1			
94/ 93								.3	.7	.7	.1	.3						19	19			
92/ 91					.2	.5	.8	.2	.8	.2		.2						26	26			
90/ 89				.1	1.1	.8	.2	.8	.2		.1							30	30			
88/ 87				.3	2.2	1.9	1.0	.9	.3		.3							62	62			
86/ 85		.1		.7	3.9	2.6	1.4	.9	.1	.6								90	90			
84/ 83		.1	.2	4.2	5.5	3.0	1.3	.6	.2	.2	.2							136	136	6		
82/ 81		.1	1.7	4.2	4.5	3.4	2.3	1.3	.1	.1	.1							156	156	25	5	
80/ 79		.5	3.3	3.7	3.4	4.1	2.7	.6	.1	.1	.1							163	163	57	15	
78/ 77		.6	1.7	2.5	1.1	.8	1.7	.8	.3	.2								86	86	129	38	
76/ 75	.2	.6	2.2	1.0	1.1	.3	.2	.2										52	52	174	124	
74/ 73	.1	1.3	.6	.6	.1	.1	.3	.1										28	28	166	123	
72/ 71		.1	.6	.5	.2	.2	.1											15	15	113	131	
70/ 69			.5															4	4	86	112	
68/ 67																				61	9	
66/ 65		.3	.1															4	4	29	62	
64/ 63		.1																1	1	13	56	
62/ 61		.1																1	1	14	45	
60/ 59																				2	27	
58/ 57																					14	
56/ 55																					1	
54/ 53																					10	
52/ 51																					6	
50/ 49																					5	
48/ 45																					2	
TOTAL	.3	3.9	10.9	17.8	23.4	17.8	12.1	6.7	3.1	2.3	1.0	.6						875	875	875	875	
																		875		875		
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.	4081970		58656		67.0		13.098		875		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	5881113		71605		81.8		4.945		875				89.4	87.4	63.2	2.2	90					
Wet Bulb	4737643		64271		73.5		4.381		875				84.0	57.3	5.7		90					
Dew Point	4241477		60691		69.4		6.040		875				65.6	31.4	.9		90					

2

1

YEARS

44195

MONTH

1862-2000

1870-2000

USAFETAC
FORM
NA 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

YEARS

JUN
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
96/ 97										.0								2		2				
96/ 95									.1	.0								7		7				
94/ 93						.0	.0	.2	.2	.1	.1	.0						45		45				
92/ 91					.0	.2	.3	.1	.3	.2	.1	.0						80		80				
90/ 89				.0	.4	.5	.4	.4	.1	.0	.0							129		129				
88/ 87				.1	.8	1.1	.5	.3	.2	.1	.1							201		201				
86/ 85		.0	.1	.8	1.5	1.5	.6	.4	.1	.2	.0	.0						348		348				
84/ 83		.0	.4	2.5	2.6	1.5	.7	.4	.1	.1	.0		.0					569		569	15			
82/ 81		.2	1.8	3.1	2.6	1.6	.7	.5	.2	.1	.0							719		719	87	11		
80/ 79	.0	.6	3.4	3.2	2.3	1.8	.7	.4	.1	.1	.0							850		850	253	62		
78/ 77	.0	1.9	4.6	3.3	2.2	.7	.5	.3	.2	.1								925		925	618	219		
76/ 75	.1	2.7	4.2	2.6	1.2	.7	.2	.1	.0									802		802	1056	612		
74/ 73	.3	3.1	2.4	1.5	.7	.5	.2	.1	.0									584		584	1192	952		
72/ 71	.2	1.9	3.0	.7	.6	.4	.1	.1										469		469	1005	1029		
70/ 69	.1	2.3	1.7	.6	.2	.1	.0	.0										339		339	771	934		
68/ 67	.1	1.9	1.4	.4	.2	.1	.0	.0										282		282	623	767		
66/ 65	.0	1.4	.4	.2	.1	.0	.0	.0										152		152	421	677		
64/ 63	.0	.8	.3	.2	.0	.0	.0	.0										92		92	273	411		
62/ 61		.4	.3	.1	.0	.0	.0											57		57	184	315		
60/ 59		.3	.2	.0	.0													35		35	89	265		
58/ 57		.1	.1	.0	.0													13		13	72	132		
56/ 55		.0	.0															3		3	22	134		
54/ 53																					12	81		
52/ 51																					7	32		
50/ 49																					3	27		
48/ 47																						16		
46/ 45																						0		
44/ 43																						0		
42/ 41																						2		
40/ 39																						2		
38/ 37																						2		
TOTAL	1.0	17.6	24.2	19.3	15.6	10.7	5.0	3.3	1.6	1.1	.3	.1						6703		6703		6703		
																		6703		6703				
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	39174760		504304		75.2		13.565		6703		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	40410284		518666		77.4		6.427		6703				682.2	565.1	274.1	5.8	72							
Wet Bulb	34437146		479234		71.5		5.097		6703				603.7	346.0	21.2		72							
Dew Point	31696272		459176		68.5		6.000		6703				492.7	199.5	3.0		72							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

MONTH

0000-0205

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PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 74-87

YEARS

JUL
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

PSYCHROMETRIC SUMMARY

PAGE 1

[illegible]

2

YEARS

69-70, 73-87

PAGE 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

YEARS

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
12/171												.1						1	1					
10/99											.1							1	1					
8/97									.1	.3	.2			.1				7	7					
6/95							.2	.3	.2	.4		.2						13	13					
4/93						.8	1.6	1.0	1.6	.5	.2							53	53					
2/91					.2	2.0	2.6	2.0	.5	.2		.1						72	72					
0/89					3.7	6.4	3.9	2.2	.3	.3	.3	.1						159	159					
8/87				.9	6.6	8.6	3.3	.6	.5	.4	.4		.1					200	200					
6/85				2.5	6.8	4.8	1.5	1.1	.8	.2	.2							166	166					
4/83			.9	3.3	3.8	2.3	1.7	.3										114	115	26				
2/81			.8	2.8	1.9	.8	1.5	.6		.1								79	79	107	4			
0/79			1.2	.8	.2		.5	.1										26	26	219	5			
7/77		.1	.8	.2	.3	.1	.1											15	15	239	126			
5/75		.4	.6		.1	.1												12	12	147	206			
3/73	.1	.4	.1	.1														7	7	94	188			
1/71					.1													1	1	4	14			
1/69			.1															1	1	38	71			
6/67		.2																2	2	10	42			
6/65																				6	26			
4/63																				3	21			
2/61																								
0/59																								
8/57																								
4/53																								
2/51																								
0/47																								
TOTAL	.1	1.2	4.4	10.5	23.7	25.8	17.0	8.3	4.1	2.6	1.5	.5	.2					929	930	929	929			
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.	3956104		59786		64.4		10.816		929		≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	7.5				93			
Dry Bulb	6994445		80551		86.6		4.353		930				93.0	92.6	87.9						93			
Wet Bulb	5522599		71553		77.0		3.517		929				92.1	83.3	21.1						93			
Dew Point	4955238		67702		72.9		4.799		929				83.6	58.3	2.4						93			

2.

YEARS

69-70, 73-80

JUL

MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (O.L.A.)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80

YEARS

JUL

MONTH

PAGE 1

1800-2000

HOURS (L, S, T.)

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0-26-5 (OL A)

POEM

USAFETAC

2

YEARS

PAGE 1

2100-2300
HOURS (L. S. T.)

0-26-5 (OLA) SERVICE AIRCRAFTS OF THE FLEET ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

13717	MYRTLE BEACH AFB SC
STATION	STATION NAME

69-70, 73-80

4111

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

[illegible]

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1

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMA

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-75, 73-80

AUG
MONTH

PAGE 1 0600-08
HOURS (L. S.)

[illegible]

AD-A110 241

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81

UNCLASSIFIED

USAFETAC/DS/81/080

S81-AD-E850 124

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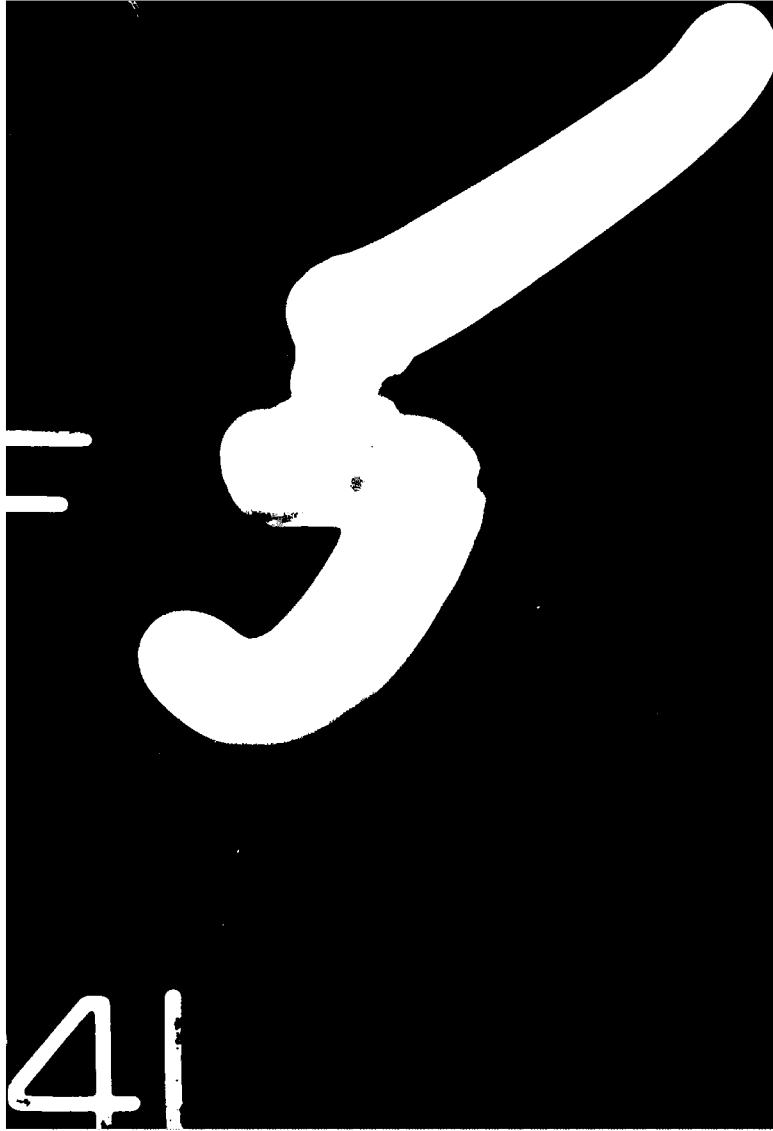
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0900-1100
HOURS (L. S. T.)

USAFETAC
FORM
NA 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

AUG
MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

13717
STATIC

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80

AUG
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

2

1

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

1994 (L. S. I.)

REMOVED AND PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FROM

USAFETAC

2

1

AUG
MONTH

ALL
HOURS (L. & T.)

USAFETYAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 74-80

SEP

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

0300-0500

[illegible]

2

1

YEARS

SEP
MONTH

0900-1100

HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A);
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

YEARS

SEP
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97										.1								1	1			
96/ 95									.1									1	1			
94/ 93								.1	.4									5	5			
92/ 91						.2	.7	.6										13	13			
90/ 89				.1		1.7	1.8	1.1										42	42			
88/ 87			.4	2.3	4.8	2.1	.3	.2										92	92			
86/ 85			.1	1.8	7.2	8.4	2.2	1.1	.2		.2							192	192			
84/ 83			.1	3.4	5.8	4.8	2.2	1.2	.4	.3								165	165	1		
82/ 81		.1	.9	2.2	3.0	2.7	2.1	1.1	.6		.2							116	116	16	1	
80/ 79		.4	1.6	2.3	2.4	1.2	1.3	.4	.3	.2	.1							94	94	89	10	
78/ 77		.2	1.1	1.2	.7	.9	.8	.2	.1	.1								48	48	195	47	
76/ 75		.3	.7	1.2	.7	.3	.6	.2	.6	.1								42	42	158	119	
74/ 73	.1	.8	.4	.3	.2	.7	.2	.2		.1								28	28	153	160	
72/ 71			.7	.4	.2		.1	.3										16	16	79	145	
70/ 69		.3	.4	.6	.2	.6		.3										22	22	62	110	
68/ 67		.1	.6	.1	.1													8	8	45	86	
66/ 65		1.0	.2	.1														12	12	31	37	
64/ 63																				34	39	
62/ 61			.2	.1														3	3	16	53	
60/ 59																				11	21	
58/ 57																				7	25	
56/ 55																				3	10	
54/ 53																					8	
52/ 51																					5	
50/ 49																					6	
48/ 47																					5	
46/ 45																					3	
44/ 43																					3	
42/ 41																					2	
TOTAL	.1	3.3	7.0	14.4	22.9	26.2	14.1	7.3	3.0	1.0	.6							900	900	900	900	
																		900		900		
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	4014200		59184		65.8		11.662		900		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F	
Dry Bulb	6099664		73930		82.1		5.452		900						88.5		83.9		68.6		.7	
Wet Bulb	4884068		66140		73.5		5.114		900						79.8		61.2		5.2			
Dew Point	4352455		62301		69.2		6.651		900						67.8		33.7		.3			

2

YEARS

SFP

MONTH

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2

YEARS

SEP

MONTH

1800-2000

1000 200
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

SEP

MONTH

2200 250
HOURS (L. S. T.)

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

SEP
MONTH

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 74-80

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.5	.2														6	6		
78/ 77		.4	.6	.1														9	9		
76/ 75		.5	.4	.2														9	9	10	2
74/ 73		.6	1.2	.8	.4	.1												26	26	13	12
72/ 71	.2	2.3	.8	.4	.1	.1												33	33	14	17
70/ 69	.2	3.2	2.4	.7	.4	.2		.1										61	61	29	20
68/ 67	.4	3.9	3.3	.5														68	68	50	36
66/ 65	.4	6.5	3.1	.5		.2	.1											90	90	73	55
64/ 63		4.4	2.6	.7	.2													67	67	88	74
62/ 61	.1	1.8	1.4	1.2	.6	.1												44	44	62	73
60/ 59	.4	3.9	3.7	1.2	.4	.1												81	81	45	51
58/ 57	.2	3.1	1.8	.6	.5	.1												53	53	65	46
56/ 55	.5	2.4	1.4	1.2	.4	.1												50	50	72	62
54/ 53		1.2	1.9	.5	.8													37	37	42	45
52/ 51	.1	2.2	2.5	1.0	.2													50	50	34	46
50/ 49	.4	1.8	2.2	.8														43	43	53	47
48/ 47	.2	1.0	1.3	.6	.1													27	27	49	38
46/ 45		1.2	1.8	.4														28	28	35	46
44/ 43		.8	1.9	.5	.2													29	29	27	19
42/ 41		.6	.2	.2														9	9	29	36
40/ 39		.6	.5															9	9	24	33
38/ 37		.1	.1	.1														3	3	9	25
36/ 35		.1	.2															3	3	8	24
34/ 33			.1															1	1	2	10
32/ 31																				2	5
30/ 29																				1	5
28/ 27																					2
26/ 25																					2
24/ 23																					5
TOTAL	3.1	42.6	36.1	12.4	4.3	1.2	.1	.1										836	836		836
																		836		836	
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	5736677		68623		82.1		11.148		836		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	3048325		49907		59.7		9.091		836				23.6	5.6	.3		93				
Wet Bulb	2756925		47365		56.7		9.374		836				.3	12.9	2.6		97				
Dew Point	2542493		45227		54.1		10.78		836				2.1	9.7	1.6		93				

2

YEARS

OCT

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
80/ 79			.1															1	1	
76/ 77		.3	.5	.2														10	10	
76/ 75			.1	.1														2	2	7
74/ 73	.1	2.0	.8	.1	.2													29	29	5
72/ 71	.4	.8	1.1	.1	.1													23	23	31
70/ 69	.7	2.4	1.2	.8														46	46	20
68/ 67	.1	4.4	3.3	.7	.2													80	80	40
66/ 65	.4	4.8	2.5	1.0	.1		.1											82	82	65
64/ 63	.3	4.2	2.3	.8		.2												72	72	78
62/ 61	.2	4.1	2.9	.7	.5	.2												80	80	74
60/ 59	.4	3.9	2.8	1.1	.2	.1	.1											80	80	72
58/ 57	.2	3.4	3.3	.9	.3		.2											76	76	74
56/ 55		2.9	2.1	1.6	.3	.1												65	65	67
54/ 53		1.3	1.6	1.6	.1													43	43	71
52/ 51	.2	1.3	1.4	.9	.5													40	40	39
50/ 49		1.6	2.2	.9	.1	.1												45	45	49
48/ 47		1.7	1.3	.9	.1													37	37	50
46/ 45		1.0	2.0	.9	.3													38	38	44
44/ 43		1.5	1.0	.3														26	26	34
42/ 41		.2	.9	.4	.1													15	15	35
40/ 39		.5	1.0	.4	.1													19	19	20
38/ 37		.8	.3	.1														11	11	24
36/ 35		.1																1	1	15
34/ 33			.1															1	1	6
32/ 31			.1															1	1	1
30/ 29																				2
28/ 27																				6
26/ 25																				2
22/ 21																				5
TOTAL	3.1	43.2	34.7	14.3	3.5	.8	.4											923	923	923
																		923	923	
Element (X)	ΣX'		ΣX		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	6289635		75483		81.8		11.247		923		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F	
Dry Bulb	3242191		54065		58.6		9.038		923		.1		19.2		4.2					
Wet Bulb	2933684		51290		55.6		9.520		923		.3		10.4		1.2					
Dew Point	2694551		48825		52.9		11.012		923		4.1		8.1		.9					

USAFETAC FORM 0-26-5 (OL A) REVIS 10/69 (OL A) 0-26-5 (OL A) REVIS 10/69 (OL A) 0-26-5 (OL A) REVIS 10/69 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

YEARS

OCT

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
84/ 83				.2	.2	.2	.1											7	7				
82/ 81				.2	.8	.3	.1		.1									14	14				
80/ 79		.2	.8	.9	1.3	1.6	1.2	.2										57	57				
78/ 77		.2	.9	1.1	2.1	.9	.9	.6	.1									62	62	4	1		
76/ 75		.8	1.5	1.4	2.1	1.3	1.0	.3	.1									78	78	20	8		
74/ 73		1.1	1.0	2.3	1.4	2.1	1.4	.9	.1		.1							95	95	42	16		
72/ 71		.9	1.9	1.9	1.8	1.5	1.1	.6	.4	.2	.1							98	98	47	31		
70/ 69	.1	1.4	2.3	.9	1.5	1.2	1.1	.5	.4									87	87	70	42		
68/ 67		1.0	1.7	1.1	1.7	1.8	.5	.6	.2	.1								82	82	93	48		
66/ 65		1.5	1.1	1.8	1.4	1.5	1.2	.4	.2									85	85	83	81		
64/ 63	.2	.9	1.0	.8	1.1	1.6	.5	1.0	.1									66	66	86	56		
62/ 61		.6	1.1	.5	.8	.6	.6	.2	.1									43	43	80	81		
60/ 59		.1	.4	.5	1.3	1.1	.6	.1										39	39	81	52		
58/ 57		.1	.5	.5	.4	.6	.3	.1	.1									26	26	50	66		
56/ 55		.1	.3	.4	.6	.8	.3	.1										25	25	54	58		
54/ 53		.1	.4	.2	.3	.4	.5	.1										20	20	50	47		
52/ 51		.1	.4	.1	.3	.5	.1											15	15	39	43		
50/ 49		.5	.4	.1	.2	.3	.1											16	16	39	39		
48/ 47			.2		.5	.1	.1											9	9	34	38		
46/ 45					.1													1	1	13	48		
44/ 43						.1												1	1	17	29		
42/ 41																				15	24		
40/ 39																				5	23		
38/ 37																				2	25		
36/ 35																				2	15		
34/ 33																					10		
32/ 31																					15		
30/ 29																					11		
28/ 27																					8		
26/ 25																					3		
24/ 23																					3		
22/ 21																					2		
20/ 19																					2		
18/ 17																					1		
Element (X)	Σ X'		Σ X		X		C _X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

GCT

YEARS

MONTH

0900-1100
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEAR

OCT

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87				.1		.1	.1											2	2					
86/ 85				.1				.1										2	2					
84/ 83			.1	.4		.4	1.0	.1	.4									30	30					
82/ 81			.4	.8	1.5	2.2	.6	.8	.4	.1								61	61					
80/ 79			.6	1.6	1.5	4.8	3.2	1.5	1.2	.2	.2							141	141	2				
78/ 77	.1	.6	2.0	1.5	1.2	2.2	1.7	.8	.5	.1	.2							99	99	14				
76/ 75	.2	.8	2.8	2.2	1.6	1.6	2.2	1.0	.2	.2								108	108	23				
74/ 73	.2	.1	1.9	1.2	1.5	1.0	2.3	1.2	.1	.1								89	89	54				
72/ 71	.3	.9	1.2	1.5	.9	1.5	1.0	1.0	.3	.1								80	80	65				
70/ 69	.4	1.0	.6	.9	1.3	1.9	2.0	1.6	.3									94	94	50				
68/ 67		1.0	1.4	.9	1.0	1.1	1.3	1.0	.5									75	75	92				
66/ 65	.6	.3	.1	.3	.5	.8	.6	.2										33	33	93				
64/ 63	.3		.2	.4	.3	1.0	.9	.3										32	32	91				
62/ 61	.1	.5	.2	.1	.2	.8	1.1		.1									29	29	72				
60/ 59	.2	.2		.1	.2		1.0	.3	.1									20	20	69				
58/ 57	.2			.1	.1	.3	.5											12	12	63				
56/ 55			.1	.1			.5											7	7	54				
54/ 53			.2				.1	.2										5	5	37				
52/ 51	.2	.1						.1										4	4	32				
50/ 49	.2	.2																4	4	24				
48/ 47	.1																	1	1	19				
46/ 45																				16				
44/ 43																				9				
42/ 41																				1				
40/ 39																				2				
38/ 37																				1				
36/ 35																								
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
Element (X)	Σx^2		Σx		\bar{x}		σ^2		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

69-70, 73-80

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
90/ 89							.1											1	1				
88/ 87							.1											1	1				
86/ 85						.1												1	1				
84/ 83					.1	.3	.2	.3	.1	.2								12	12				
82/ 81			.2	.6	.4	1.1	.5	.3										30	30				
80/ 79		.1	.5	1.5	2.4	1.8	1.4	1.0	.2	.3	.1							87	87				
78/ 77		.3	.4	2.5	4.0	2.2	1.9	1.0	.5		.2	.2	.1					124	124	9	2		
76/ 75			1.8	2.4	2.3	3.2	1.9	1.4	.6	.1	.2							130	130	18	6		
74/ 73			.8	2.6	1.9	1.6	2.4	1.1	.6	.1		.2						105	105	38	14		
72/ 71		.1	1.1	1.5	2.5	1.6	1.8	.5	1.2	.1								97	97	89	26		
70/ 69	.1	.4	2.5	1.1	1.4	2.0	1.5	1.3	1.1	.1								107	107	82	55		
68/ 67	.1		1.3	.8	.9	1.5	1.5	1.1	1.3	.1								79	79	102	62		
66/ 65			.1	.5	.9	.8	1.0	.3	.9									41	41	108	71		
64/ 63		.4	.2	.5	.4	.1	.4	1.2										31	31	95	80		
62/ 61		.1	.4	.1	.1	.5	.6	.9	.1									27	27	64	79		
60/ 59		.1	.4	.1	.3	.5	.4	1.2										29	29	73	60		
58/ 57		.1		.1	.1	.1	.3	.4										11	11	68	66		
56/ 55				.1			.3											4	4	46	52		
54/ 53		.3	.1	.1		.1		.2										8	8	38	49		
52/ 51			.1				.1											2	2	33	58		
50/ 49																				25	37		
48/ 47		.3																3	3	17	19		
46/ 45																				16	34		
44/ 43																				6	22		
42/ 41																					27		
40/ 39																				3	32		
38/ 37																					16		
36/ 35																					16		
34/ 33																					4		
32/ 31																					16		
30/ 29																					14		
28/ 27																					2		
26/ 25																					2		
20/ 19																					1		
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OLA) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

OCT
MONTH

1

USAFETAC FORM 0-26 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 66

2

AM 04 0-20-5 (UL A) 11

MONTH

HOURS (L - S - T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
64/ 83					.2													2	2													
62/ 81					.1	.1												2	2													
62/ 79			.8	.3	.1													11	11													
78/ 77	.1	.5	.3	1.0	.2	.3												23	23	1												
76/ 75		.3	1.4	2.2	.5	.2	.1											44	44	16												
74/ 73		1.1	3.3	3.7	1.4	1.0	.1											98	98	15												
72/ 71		1.8	5.6	1.9	1.5	.6												107	107	46												
71/ 69		1.6	3.9	2.0	2.2	.5		.1										96	96	82												
68/ 67		1.4	5.2	2.0	2.2	.9	.4	.2										114	114	104												
66/ 65		1.6	2.0	2.4	1.3	.6	.4	.1	.1									80	80	93												
64/ 63		1.6	1.2	2.4	1.7	.1	.2											67	67	80												
62/ 61		1.1	1.9	1.4	1.0	.5												55	55	87												
60/ 59		.5	2.9	1.1	.9	.9												58	58	65												
58/ 57		.3	.9	1.5	1.4	.9												46	46	74												
56/ 55		.1	1.1	1.0	1.0													29	29	52												
54/ 53		.5	.5	1.5	.9	.1												33	33	44												
52/ 51			.9	1.2	.4	.1												24	24	39												
50/ 49		.2	.5	.8	.6													20	20	42												
48/ 47		.2	.1	.1	.2	.1												7	7	31												
46/ 45		.1	.5	.1														7	7	25												
44/ 43		.2		.2	.1													5	5	14												
42/ 41			.1	.1														2	2	12												
40/ 39																				4												
38/ 37																				2												
36/ 35																				2												
34/ 33																																
32/ 31																																
30/ 29																																
28/ 27																																
26/ 25																																
24/ 23																																
TOTAL	.1	13.3	33.1	26.8	17.8	7.0	1.3	.4	.1									930	930	930												
																		930	930													

Element (X)	Σ x'	Σ x	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature					
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC

69-70, 73-80

YEARS

OCT
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 79			.4	.4														8	8		
78/ 77		.2	.3	.6		.1												11	11		
76/ 75		.4	.9	.7	.7													21	21	11	2
74/ 73		.9	1.9	.9	.2	.1												36	36	10	10
72/ 71		2.5	3.9	.9	.9	.1												75	75	25	15
70/ 69	.3	2.5	4.0	1.7	.3	.4												84	84	56	47
68/ 67	.3	3.1	5.0	1.2	.9		.1											96	96	77	52
66/ 65	.2	4.0	1.9	2.1	.8	.1												82	82	74	62
64/ 63	.1	2.2	1.7	1.8	.7	.2												60	60	98	77
62/ 61		2.4	2.9	.9	1.2													67	67	55	77
60/ 59		2.2	2.9	1.6	.6													65	65	77	53
58/ 57	.1	2.5	1.4	.8	.3													47	47	70	57
56/ 55		1.7	2.2	1.0	.7	.1												51	51	56	76
54/ 53		1.8	2.1	.9	.1	.1												45	45	53	47
52/ 51		1.4	1.9	1.1	.3	.1												44	44	44	47
50/ 49		.8	1.4	1.3	.3													35	35	47	51
48/ 47		1.1	1.0	1.4	.1													33	33	43	45
46/ 45		.3	1.0	.1	.4													17	17	30	33
44/ 43		.8	.6	.1	.1													14	14	28	42
42/ 41		.3	.3	.1														7	7	26	27
40/ 39		.1		.2														3	3	10	30
38/ 37			.2															2	2	8	24
36/ 35																				2	15
34/ 33																				3	6
32/ 31																					5
30/ 29																					2
28/ 27																					3
26/ 25																					2
24/ 23																					2
TOTAL	1.1	31.5	37.9	19.4	8.6	1.4	.1												903		903
																		903		903	
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.	5827890		71876		79.6		10.880		903		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93				
Dry Bulb	3531255		55923		61.9		8.678		903				34.1	7.8	.5		93				
Wet Bulb	3140087		52641		58.3		8.894		903				18.4	2.2			93				
Dew Point	2867638		50044		55.4		10.220		903		1.5	13.0	1.2				93				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
90/ 89						.0	.0											1	1		
88/ 87						.0	.0											3	3		
86/ 85				.0		.0		.0										3	3		
84/ 83			.0	.1	.2	.1	.2	.1	.1	.0								51	51		
82/ 81			.1	.2	.3	.5	.2	.1	.1	.0								107	107		
80/ 79		.0	.5	.7	.7	1.1	.7	.3	.2	.1	.0							314	314	2	
78/ 77	.0	.3	.5	1.0	1.0	.6	.6	.4	.2	.1	.0	.1	.0					347	347	28	6
76/ 75	.3	.9	.9	1.1	.9	.6	.5	.2	.0	.1	.0	.1	.0					393	393	113	39
74/ 73	.0	.9	1.2	1.6	.9	.8	.6	.5	.2	.0	.0	.0						496	496	183	94
72/ 71	.1	1.2	2.0	1.0	1.1	.6	.6	.3	.3	.1	.0							527	527	331	165
70/ 69	.3	1.9	2.3	1.0	.9	.7	.6	.5	.4	.1								625	625	456	320
68/ 67	.2	2.2	2.9	1.0	.9	.7	.5	.4	.3	.1								663	663	597	358
66/ 65	.2	3.0	1.5	1.1	.7	.5	.5	.2	.2									564	564	652	525
64/ 63	.2	2.4	1.3	1.0	.6	.4	.3	.4	.1									475	475	692	565
62/ 61	.0	1.6	1.6	.7	.6	.3	.3	.3	.0	.0								397	397	550	583
60/ 59	.2	1.9	2.0	.7	.5	.4	.2	.3	.0	.0								447	447	545	488
58/ 57	.1	1.8	1.3	.6	.5	.2	.2	.1	.0									342	342	522	451
56/ 55	.1	1.2	1.1	.7	.4	.1	.2	.0										274	274	485	517
54/ 53	.0	.8	1.1	.7	.3	.1	.1	.1										230	230	379	400
52/ 51	.1	.8	1.2	.6	.3	.1	.0	.0										226	226	290	380
50/ 49	.1	1.0	1.1	.6	.2	.1	.0											215	215	326	348
48/ 47	.0	.7	.6	.4	.2	.0	.0											147	147	297	269
46/ 45	.0	.5	.8	.2	.1													125	125	217	342
44/ 43		.5	.6	.2	.1	.0												100	100	175	239
42/ 41		.2	.3	.2	.0													56	56	142	220
40/ 39		.3	.2	.1	.0													49	49	95	248
38/ 37		.2	.1	.0														26	26	68	171
36/ 35		.0	.0															5	5	45	141
34/ 33			.1															5	5	15	94
32/ 31			.0															1	1	3	94
30/ 29																				6	59
28/ 27																					42
26/ 25																					18
24/ 23																					17
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

ALL
HOURS (L, S, T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,74-80

YEARS

NOV

MONTH

PAGE 1

0000-0700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 75			.2															2	2		
74/ 73		.4	.1	.1														5	5		
72/ 71		1.2	.5	.1														15	15	9	3
70/ 69	.2	2.6	.9	.4														33	33	17	14
68/ 67		2.2	1.0	.2														28	28	29	23
66/ 65		2.5	.4	.2	.2													27	27	19	22
64/ 63		4.2	1.6	.2			.1											50	50	39	25
62/ 61	.5	3.0	1.9	.4	.2	.4												51	51	41	47
60/ 59	.5	2.0	1.5	.6	.1													38	38	48	35
58/ 57	.4	3.1	1.9	.5		.2												49	49	31	33
56/ 55		2.8	2.6	.5		.4	.1											52	52	42	27
54/ 53		2.5	1.5	.1	.1	.2	.2											38	38	48	48
52/ 51	.4	1.2	2.2	.6	.6	.1												42	42	46	43
50/ 49	.1	3.2	2.0	1.0	.7	.2	.1											60	60	28	31
48/ 47	.1	2.2	1.7	1.6	1.0	.1	.1											56	56	55	43
46/ 45	.4	2.0	1.7	1.2	.4	.1												47	47	41	40
44/ 43		2.6	2.3	.4	.4													50	50	59	34
42/ 41	.1	2.6	1.7	.4	.1													40	40	50	35
40/ 39	.5	1.5	1.2	.1	.5													31	31	64	41
38/ 37		1.9	.9	.9	.2													31	31	35	44
36/ 35		1.2	.4	.9	.1													21	21	23	44
34/ 33		1.1	1.0	.2	.1													20	20	25	35
32/ 31		.6	.9															12	12	24	29
30/ 29		.4	.5	.1														8	8	16	30
28/ 27		.1																1	1	13	24
26/ 25																				4	0
24/ 23			.2															2	2	1	8
22/ 21		.1																1	1	2	15
20/ 19																				1	14
18/ 17																					6
16/ 15																					2
12/ 11																					4
10/ 9																					2
Element (X)	Σ X'		Σ X		X	° X		No. Obs.		Mean No. of Hours with Temperature										Total	
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 74-80

NOV

MONTH

PAGE 2

0000-0200

HOURS (L, S, T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 74-80
YEARS

NOV
MONTH

PAGE 1

03 NOV-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.2																2	2	
72/ 71	.4	.9	.6	.1														16	16	6
70/ 69	.1	2.0	.6	.2														24	24	11
68/ 67	.6	1.6	1.5	.4														33	33	28
66/ 65		2.6	.5															25	25	15
64/ 63	.1	3.2	1.2	.5														41	41	43
62/ 61	.2	4.2	.4	.4														42	42	37
60/ 59	.1	2.7	1.1	.2		.4												37	37	46
58/ 57	.1	3.2	2.0	.1	.1													45	45	30
56/ 55	.4	2.6	1.5	.2	.2													40	40	35
54/ 53		3.1	.9	.1			.4	.1										37	37	43
52/ 51	.2	1.6	2.2	.4	.6	.1												42	42	35
50/ 49	.2	3.2	.9	.1	.7		.1											43	43	32
48/ 47	.4	3.6	.9	1.5	.5	.1	.1											57	57	48
46/ 45	.2	2.7	3.2	1.1	.1													60	60	43
44/ 43	.4	2.6	2.1	1.9	.2	.1												59	59	49
42/ 41	.2	2.8	2.6	.4	.4													52	52	62
40/ 39	.4	1.5	1.1	.5	.2													30	30	67
38/ 37	.5	1.5	.7	.5	.2													28	28	38
36/ 35		2.2	1.7	.6														37	37	36
34/ 33		.9	1.1	.6														21	21	29
32/ 31		1.0	.6	.4														16	16	23
30/ 29		.7	.7															12	12	22
28/ 27		.5	.1	.2														7	7	18
26/ 25																				8
24/ 23			.1															1	1	1
22/ 21		.1																1	1	1
20/ 19		.1																1	1	2
18/ 17		.1																1	1	2
16/ 15																				3
14/ 13																				2
12/ 11																				4
8/ 7																				1
6/ 5																				1
Element (X)	Σ X ²		Σ X		Σ	Σ ²	No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

PSYCHROMETRIC SUMMARY

YEARS

PSYCHROMETRIC SUMMARY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80

YEARS

NOV
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

2

1

YEARS

NOV
MONTH

0600-0800
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
82/ 81						.1	.1											2	2		
80/ 79					.1	.2		.3										6	6		
78/ 77				.4	1.0		.1	.2										16	16		
76/ 75		.1	.8	1.7	.2	.3												30	30		
74/ 73		1.0	.8	.6	.3	.8	.3	.1	.1									36	36	6	3
72/ 71	.2	.4	1.3	.9	1.4	.1	.4											44	44	30	10
70/ 69		.6	2.1	1.6	1.4	.7	.3	.4	.2									66	66	35	18
68/ 67	.1	1.1	2.3	1.9	1.1		.7	.3	.1									69	69	28	28
66/ 65		1.6	1.1	1.0	1.1	.4	.3	.4										54	54	49	36
64/ 63	.1	.7	1.3	1.6	.7	.7	.8		.2	.1								55	55	72	32
62/ 61	.1	1.1	1.0	1.3	1.4	1.1	.2	.2	.1									60	60	56	51
60/ 59		1.8	.8	1.7	1.3	1.0	.3	.6	.1									65	65	46	48
58/ 57	.2	1.1	1.3	.9	1.1	.4	1.6	.2										62	62	54	50
56/ 55		.8	.8	1.3	.9	1.0	1.1	.6										58	58	43	67
54/ 53	.2	.3	.7	1.6	.7	1.0	.8	.2										49	49	67	37
52/ 51		.9	1.9	.3	1.0	.7	1.1	.1										54	54	54	30
50/ 49		.8	.6	1.4	1.6	1.4	.7	.1										59	59	40	37
48/ 47		.4	.4	.6	1.1	.6	.2											30	30	52	45
46/ 45		.2	.7	.4	1.6	.9	.1											35	35	61	46
44/ 43		.2	.2	.6	.6	.3												17	17	38	40
42/ 41				.4	.3													7	7	54	42
40/ 39				.8	.2													9	9	27	27
38/ 37				.3	.3													6	6	28	25
36/ 35				.1	.3													4	4	24	22
34/ 33				.1	.1													2	2	8	24
32/ 31				.1														1	1	4	33
30/ 29				.1														1	1	4	35
28/ 27				.1														1	1	5	23
26/ 25			.1	.1														2	2	1	22
24/ 23																				1	12
22/ 21																				2	18
20/ 19																				1	14
18/ 17																					5
16/ 15																					8
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

NOV

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1									1	1		
84/ 83							.1	.2	.3								6	6		
82/ 81							.7	.1	.1								8	8		
80/ 79			.1	.4	.6	.6	.1	.6	.1	.1							23	23		
78/ 77			.1	1.0	1.8	1.0	.3	.4	.2	.3							47	47		
76/ 75	.1	.3	.7	.9	1.1	1.2	.2	1.2	.1	.2							55	55	4	1
74/ 73	.1	.1	.6	1.4	1.1	1.1	1.1	.2	.7	.4							62	62	14	5
72/ 71	.3	.1	.8	.7	1.3	1.0	1.2	1.0	1.2	.3							72	72	27	12
70/ 69		.2	.9	1.7	2.1	.9	.8	.3	1.1	.4							76	76	40	15
68/ 67		.8	1.3	2.1	1.1	.9	1.7	1.2		.1							83	83	52	24
66/ 65		.4	.6	1.2	1.2	1.2	1.1	.8	.6	.6							69	69	53	30
64/ 63		.6	.4	.6	.6	2.3	.7	.8	.9	.3	.1						65	65	73	46
62/ 61		.4	.4	1.3	1.1	.8	.7	1.3	.3	.1							59	59	69	53
60/ 59	.1	.4	.9	.3	.2	.8	1.2	2.1	.7								61	61	51	54
58/ 57		.6	.2	.3	.8	1.9	.9	1.2	.4								57	57	70	49
56/ 55		.7	.3	.1	.3	1.1	.7	1.3									41	41	68	42
54/ 53		.2	.3	.4	.4	1.1	1.2	.1	.1								36	36	74	51
52/ 51		.2			.2	.6	1.0	.8									25	25	21	39
50/ 49			.2		.1	.6	1.3	.1									21	21	52	33
48/ 47			.2		.2	.7	.3										13	13	59	43
46/ 45		.3	.1		.1	.1											6	6	42	43
44/ 43						.3	.1										4	4	47	33
42/ 41						.4											4	4	26	27
40/ 39						.2											2	2	17	41
38/ 37					.1												1	1	25	28
36/ 35					.1												1	1	2	29
34/ 33					.1												1	1	4	26
32/ 31					.1												1	1	5	22
30/ 29																			2	28
28/ 27																			1	24
26/ 25																			1	21
24/ 23																			1	19
22/ 21																				20
20/ 19																				11
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

NOV
MONTH

1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

<u>10717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 73-85

YEARS

PAGE 1

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NOV
MONTH

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1

2

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.1	.1														2	2	
74/ 73		.7	.6	.6														16	16	2
72/ 71		1.7	.9	.4	.1													28	28	9
70/ 69	.1	1.0	3.1	.7	.3													47	47	22
68/ 67		2.1	2.4	.7	.2	.1												50	50	38
66/ 65		4.4	2.6	1.2	.1	.1	.1	.2										79	79	44
64/ 63		3.1	1.9	1.2	.7	.2	.6	.1										70	70	67
62/ 61		2.6	2.6	.7		.3	.3	.1										59	59	62
60/ 59		1.8	3.2	.9	1.0	.6	.2											69	69	57
58/ 57		1.8	2.8	.9	.7	.1	.1											57	57	49
56/ 55	.1	2.0	2.0	1.6	.8	.3	.2											63	63	55
54/ 53	.1	2.1	2.0	2.0	1.2	1.1	.1	.1										79	79	65
52/ 51	.2	.9	1.4	1.7	.9	.6	.3											54	54	63
50/ 49		.9	2.7	1.8	.9	.3	.1											54	54	52
48/ 47	.1	.3	1.1	1.0	.4	.4												31	31	51
46/ 45		1.0	1.6	1.2	.4	.1	.1											40	40	51
44/ 43		.9	1.3	.9	.4	.1												33	33	54
42/ 41		.4	.8	.1	.3	.2												17	17	43
40/ 39		.6	1.0	.6	.2													21	21	36
38/ 37		.2	.4	.2	.7													14	14	27
36/ 35		.1	.1	.4	.1													7	7	12
34/ 33			.6															5	5	14
32/ 31		.1			.1													2	2	11
30/ 29		.1		.1														2	2	12
28/ 27			.1															1	1	1
26/ 25																				
24/ 23																			3	
22/ 21																				12
20/ 19																				
18/ 17																				
16/ 15																				
14/ 13																				
12/ 11																				
10/ 9																				
Element (X)	Σ X'		Σ X		Σ		σ _s		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 84

USAFETAC

2

YEARS

NOV
MONTH

1800-2000
HOURS (L. S. T.)

USAFETAC
FORM
NA 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

YEARS

NOV
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point	
76/ 75			.1															1	1		
74/ 73		.8	.3	.2														12	12		
72/ 71		1.3	.6	.2	.1													20	20	10	7
70/ 69		1.7	2.3		.1													37	37	19	13
68/ 67		1.8	2.3	.2	.1													40	40	36	21
66/ 65		3.2	1.9	.2														48	48	28	29
64/ 63		4.7	1.6	1.3	.3	.2	.6											78	78	53	33
62/ 61		2.7	1.0	.8		.1	.1											42	42	62	62
60/ 59	.1	2.4	2.4	.8	.2	.3												57	57	42	48
58/ 57	.1	2.1	1.8	1.2	.3	.3	.3											56	56	43	36
56/ 55		2.8	1.6	.3	.2	.3	.2											49	49	52	44
54/ 53		3.0	1.6	.9	.1	.3	.2											55	55	55	52
52/ 51	.4	1.8	2.4	1.2	.7	.4	.1											64	64	62	51
50/ 49	.1	1.8	1.6	1.4	.9	.2												54	54	37	40
48/ 47		2.6	1.2	1.0	.6													48	48	53	33
46/ 45	.1	1.7	1.6	.4	.9	.1												43	43	55	41
44/ 43	.1	2.0	1.8	.6	.4	.2												46	46	56	49
42/ 41	.1	1.4	2.1	.3	.6													41	41	52	36
40/ 39		2.1	.8	.7	.3													35	35	44	47
38/ 37	.1	1.2	.6	.4														21	21	42	48
36/ 35		.8	.7	.6	.2													20	20	32	34
34/ 33		.7	.7	.6														17	17	19	42
32/ 31		.3	.7	.1														10	10	14	27
30/ 29		.2																2	2	20	27
28/ 27		.1	.1															2	2	11	22
26/ 25			.2															2	2		13
24/ 23																				1	9
22/ 21																				2	8
20/ 19																					14
18/ 17																					5
16/ 15																					4
14/ 13																					2
12/ 11																					3
Element (X)	ΣX^2		ΣX		Σ		σ^2		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

2

1

NOV

STATION

STATION NAME

YEARS

MONTH

2100-2300

HOURS (L. S. T.)

USAFETAC
FORM
AA 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

NOV

MONTH

444

ALL
HOURS (L. S. T.)

2

YEARS

NOV
MONTH

PAGE 2

ALL

ALL
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 74-80

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71		.7																6	6	1					
70/ 69		.6	.5	.1	.1													11	11	6	4				
68/ 67		.1	.4	.1														5	5	6	7				
66/ 65		.5	1.3	.4														18	18	3	4				
64/ 63	.4	1.9	1.0	.4														30	30	15	4				
62/ 61	.1	2.0	.4	.1	.4													25	25	30	13				
60/ 59	.2	2.7	1.3	.5		.1												41	41	34	37				
58/ 57	.2	1.8	1.1	.5			.1											31	31	27	26				
56/ 55		1.9	1.4	.2		.1	.5											35	35	31	32				
54/ 53		2.5	1.7	.6	.2	.2												44	44	31	20				
52/ 51	.1	3.6	1.3	.2	.4	.4												50	50	39	36				
50/ 49		2.6	1.1	1.4	.7	.2												51	51	49	44				
48/ 47		2.5	.7	1.3	1.1													47	47	38	45				
46/ 45		2.0	1.0	.6	.6	.2												37	37	38	29				
44/ 43		2.3	1.7	1.0	1.0													49	49	40	24				
42/ 41		1.3	1.8	1.9	1.3	.1												54	54	48	27				
40/ 39	.1	1.6	1.9	1.8	.6	.1												51	51	45	28				
38/ 37		1.7	1.4	1.9	.1													43	43	44	33				
36/ 35		1.9	1.3	.8														34	34	62	38				
34/ 33		2.4	2.6	1.6	.1													56	56	57	39				
32/ 31		3.9	1.4	1.0														53	53	45	55				
30/ 29		2.2	1.9	.6														39	39	56	32				
28/ 27		.7	.7	.4														15	15	42	43				
26/ 25		.5		.4														7	7	26	63				
24/ 23		.2		.1														3	3	15	41				
22/ 21		.2																2	2	5	29				
20/ 19																				4	27				
18/ 17																					16				
16/ 15																					16				
14/ 13																					10				
12/ 11																					6				
10/ 9																					2				
8/ 7																					1				
6/ 5																					3				
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

DEC

MONTH

0000-0200

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

DEC

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

<u>13717</u>	<u>MYRTLE BEACH AFB SC</u>
STATION	STATION NAME

69-70, 74-80

DEC

PAGE 2 0300-0500
HOURS (L. S. T.)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

DEC

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							Dry Bulb	Wet Bulb	Dew Point
74/ 73			.2															2				2				
72/ 71			.3															3				3				
70/ 69		.8	.6	.3														15	15			4				
68/ 67		.2	.7															8	8			9		11		
66/ 65		.4	.6	.9														17	17			8		4		
64/ 63		.8	.7	.3														16	16			12		6		
62/ 61		1.9	.8	.3	.1													28	28			15		13		
60/ 59	.1	2.2	1.8		.2													39	39			33		19		
58/ 57	.2	2.2	1.1	.3														35	35			37		30		
56/ 55	.1	2.1	.2	.4	.1	.2												29	29			37		40		
54/ 53	.2	2.3	.3	.1	.2													29	29			30		35		
52/ 51	.1	2.7	1.7	.1	.1													42	42			32		33		
50/ 49	.1	3.1	1.4	.6	.1	.1												49	49			30		26		
48/ 47		2.3	1.2	.7	.6	.1												44	44			56		35		
46/ 45		2.0	1.0	1.3	.7													45	45			29		38		
44/ 43		2.3	1.0	1.0	.1													40	40			32		22		
42/ 41	.6	2.1	3.3	1.4	.1													68	68			51		38		
40/ 39	.4	2.1	2.6	.7	.3													55	55			47		37		
38/ 37	.1	2.3	1.0	.9	.2													41	41			70		29		
36/ 35		3.3	1.0	1.1	.2													51	51			55		45		
34/ 33		2.0	2.7	1.0	.1													52	52			45		45		
32/ 31		4.0	2.9	1.9														79	79			52		58		
30/ 29	.2	2.2	2.0	.6														45	45			61		55		
28/ 27		2.3	1.1	.3														34	34			58		36		
26/ 25		1.4	.2	.1														16	16			55		44		
24/ 23		1.1		.1														11	11			23		39		
22/ 21		.3	.3															6	6			10		36		
20/ 19																					5		34			
18/ 17																					3		40			
16/ 15																							16			
14/ 13																							15			
12/ 11																							8			
10/ 9																							1			
8/ 7																							3			
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

2

1

YEARS

PAGE 2

0600-0800
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80

YEARS

DEC
MONTH

PAGE 1

2900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
78/ 77				.1	.2	.2												2	2				
76/ 75			.1	.3	.2													3	3				
74/ 73		.1	.3	.2														6	6	1			
72/ 71		.2	.1	.2	.3	.2	.2											12	12	4	2		
70/ 69			.6	.9	.9	.1			.1									24	24	7	2		
68/ 67		.2	.6	1.2	.5	.6	.1											31	31	3	7		
66/ 65		.6	.5	1.2	.3	.1			.1									27	27	13	3		
64/ 63		1.6	1.1	1.0	.2	.4		.1										41	41	27	13		
62/ 61		2.0	1.4	.5	.1	.1	.1	.2										42	42	39	20		
60/ 59	.1	2.2	1.6	.8	.3	.6	.5	.1										58	58	55	40		
58/ 57		1.0	.8	.3	1.2	.9	.2	.1										41	41	46	40		
56/ 55		1.8	.8	1.0	.8	.6	.5	.1										52	52	35	41		
54/ 53		1.6	1.5	.9	1.3	.9	.9	.1										66	66	33	47		
52/ 51	.1	1.1	1.1	1.2	.9	1.0	.2											51	51	36	29		
50/ 49	.2	1.3	1.8	1.7	2.0	.9	.4	.1										79	79	54	35		
48/ 47		1.4	1.1	1.4	1.6	.9	.1											60	60	63	26		
46/ 45		1.8	1.6	.5	1.3	1.4	.1											63	63	60	33		
44/ 43		.9	1.3	1.7	1.6	.6	.1											58	58	60	39		
42/ 41	.1	.9	1.1	.4	2.2	.5	.1											49	49	71	44		
40/ 39		.4	1.3	.9	1.2	.6												41	41	53	38		
38/ 37		.8	.5	1.3	1.3	.2												38	38	53	44		
36/ 35		.6	.5	1.5	1.1													35	35	50	46		
34/ 33		.2	.6	1.0	.8													24	24	48	38		
32/ 31		.1	.3	.9	.2													14	14	40	57		
30/ 29		.1	.3	.1														5	5	34	37		
28/ 27			.1	.5														6	6	19	29		
26/ 25			.1	.1														2	2	17	29		
24/ 23																				4	25		
22/ 21																				4	42		
20/ 19																				1	29		
18/ 17																					26		
16/ 15																					19		
14/ 13																					12		
12/ 11																					15		
Element (X)	Σ X'	Σ X	X	°s	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80

YEARS

DEC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
79 / 79						.3												3	3			
78 / 77				.3	.2	.1		.1										7	7			
76 / 75				.4			.4	.2										10	10			
74 / 73				.8	.3	.4	.2			.1								19	19	2		
72 / 71			.1	.6	1.1	.8	.3			.1								28	28	1		
71 / 69		.1	.2	.6	1.6	.9	.9	.1										41	41	12	3	
68 / 67		.3	.6	.1	.9	.5	.3	.1		.1								28	28	12	5	
66 / 65		.5	1.3	.9	1.0	.9	.5	.2	.2									51	51	12	15	
64 / 63	.1	1.2	1.0	1.3	1.0	1.0	1.1	.4	.6	.2								73	73	45	12	
62 / 61		1.5	1.3	.9	.6	.8	1.1	.4	.2	.1								64	64	53	23	
60 / 59	.3	1.3	1.0	.8	1.3	1.5	1.7	.6	.6	.1								86	86	56	43	
58 / 57		.2	1.8	.5	.9	1.3	1.0	1.6	.8									75	75	55	37	
56 / 55			.5	.2	1.1	1.3	1.1	.4	.2									45	45	42	47	
54 / 53		.4	.2	.2	1.4	1.3	2.6	1.0	.2									68	68	45	34	
52 / 51		.8	1.0	.5	1.5	.9	1.0	.3										55	55	43	46	
50 / 49		1.5	1.3	.5	1.5	1.3	1.3	.8										76	76	61	43	
48 / 47		.3	.9	1.3	1.0	1.9	.5	.2										57	57	70	19	
46 / 45		.9	.2	.2	.4	2.0	1.4											48	48	71	45	
44 / 43			.2		.4	1.5	.4											24	24	75	31	
42 / 41		.1	.4		.8	1.6												27	27	63	31	
40 / 39			.2	.1	.4	.9												15	15	42	41	
38 / 37		.1	.2	.2	.4	.4												13	13	43	45	
36 / 35		.2	.2	.3	.1	.3												11	11	41	28	
34 / 33					.2													2	2	40	49	
32 / 31				.1	.2													3	3	22	38	
30 / 29				.1														1	1	11	34	
28 / 27																				6	32	
26 / 25																				3	29	
24 / 23																				2	19	
22 / 21																					37	
20 / 19																					39	
18 / 17																					23	
16 / 15																					24	
14 / 13																					14	
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total			
Ref. Num.													≥ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																						
Wet Bulb																						
Dew Point																						

2

1

DEC

STATION

STATION NAME

YEARS

MONTH

1200-1400

USAFETAC FORM JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

2

THE EFFECT OF STATE POLICE ON COMMUNITARIANISM

YEARS

MONTH

2100-2300

HOURS (L. S. T.)

USAFETAC
FORM
NA 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2.

DEC
MONTH

1

SAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
ALL 0-4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
80/ 79						.0												3	3				
78/ 77				.0	.1	.0		.0			.0							10	10				
76/ 75			.0	.1	.0		.1	.0	.0		.0							22	22				
74/ 73		.0	.1	.2	.1	.1	.0	.0		.0								40	40	3			
72/ 71		.2	.3	.1	.2	.2	.1			.0	.0							83	83	10	2		
70/ 69		.4	.5	.3	.4	.2	.1	.0	.0	.0								140	140	53	18		
68/ 67	.0	.2	.7	.5	.3	.2	.1	.0		.0	.0							144	144	65	58		
66/ 65	.0	.7	1.0	.7	.3	.2	.1	.0	.1									235	235	64	63		
64/ 63	.1	1.5	1.1	.7	.2	.2	.2	.2	.1	.1	.0							314	314	174	64		
62/ 61	.1	1.9	1.2	.6	.3	.3	.2	.1	.1	.0								345	345	287	143		
60/ 59	.3	2.4	1.5	.6	.4	.5	.4	.2	.2	.0								461	461	350	270		
58/ 57	.1	1.6	1.4	.6	.6	.5	.3	.3	.1	.0								399	400	358	291		
56/ 55	.0	1.4	.9	.5	.4	.5	.5	.2	.1									331	331	309	326		
54/ 53	.1	1.6	1.2	.7	.7	.8	.7	.2	.0									434	434	307	287		
52/ 51	.1	1.9	1.4	.7	.8	.5	.3	.1										421	421	296	291		
50/ 49	.0	2.3	1.4	1.1	1.2	.5	.4	.2										508	508	407	300		
48/ 47	.0	1.8	1.1	1.2	1.1	.7	.2	.0										448	448	443	284		
46/ 45		1.6	1.3	.9	.7	.7	.4											405	405	422	307		
44/ 43	.0	1.4	.9	1.2	.9	.4	.1											357	357	428	242		
42/ 41	.1	1.2	1.3	1.1	1.0	.6	.0											382	382	489	285		
40/ 39	.1	1.1	1.4	1.0	.7	.3												334	334	381	325		
38/ 37	.0	1.3	.8	1.0	.5	.1												272	272	420	278		
36/ 35	.0	1.2	1.0	.9	.3	.1												250	250	433	300		
34/ 33		1.1	1.5	.9	.3													269	269	348	355		
32/ 31		1.7	1.3	.7	.1													269	269	309	406		
30/ 29	.1	1.0	.9	.3	.0													167	167	325	310		
28/ 27	.0	.7	.4	.2														96	96	239	302		
26/ 25		.4	.1	.1														41	41	172	327		
24/ 23		.2	.0	.0														24	24	70	252		
22/ 21		.1	.1	.0														12	12	33	249		
20/ 19																				16	277		
18/ 17																				5	193		
16/ 15																					130		
14/ 13																					96		
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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④

YEARS

PAGE 2

ALL

ALL
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

PAGE 1

ALL
MONTH

PAGE 1 ALL
HOURS (1 - 5)

FORM NO. 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-81

YEARS

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	TOTAL				Dry Bulb	Wet Bulb	Dew Point
34/ 33	.0	.4	.4	.2	.2	.0												973	973	1289	1725			
32/ 31	.0	.5	.4	.3	.1													975	975	1175	1866			
30/ 29	.0	.3	.3	.1	.0													648	648	1169	1455			
28/ 27	.0	.3	.2	.1	.0													464	464	909	1367			
26/ 25	.0	.2	.1	.0														293	293	752	1267			
24/ 23	.0	.1	.1	.0														138	138	418	862			
22/ 21	.0	.1	.0	.0														101	101	229	942			
20/ 19	.0	.0	.0															46	46	131	994			
18/ 17		.0	.0															32	32	63	697			
16/ 15		.0	.0															22	22	39	547			
14/ 13		.0																9	9	25	456			
12/ 11																				9	364			
10/ 9																					315			
8/ 7																					154			
6/ 5																					123			
4/ 3																					86			
2/ 1																					64			
0/ -1																					32			
-2/ -3																					25			
-4/ -5																					6			
-6/ -7																					2			
-8/ -9																					1			
TOTAL	1.9	22.3	24.5	17.7	13.2	9.2	5.5	3.1	1.6	.7	.3	.1	.0	.0	.0			83710	83725	83710	83710			
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	455037989		5999883		71.7		17.281		83710		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb	367384734		5391138		64.4		15.550		83725				286.6		4473.0		3207.2		1559.2		27.8		8760	
Wet Bulb	308356079		4928229		58.9		14.753		83710				516.3		3372.1		1917.8		148.1				8760	
Dew Point	271571191		4543091		54.3		17.285		83710		6.9		1220.3		2729.7		1212.9		19.2				8760	

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC

69-70,73-81

STATION		STATION NAME											YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL										
00-02	MEAN	41.3	43.3	52.2	60.0	66.7	73.2	77.3	76.3	72.9	59.7	52.0	45.8	60.3										
	S D	11.140	10.774	9.332	8.053	6.322	5.029	3.859	4.076	5.741	9.091	10.776	11.234	15.110										
	TOTAL OBS	750	679	765	759	744	721	798	840	810	836	810	837	9349										
03-05	MEAN	39.9	41.6	50.9	57.9	64.8	71.2	75.6	74.7	71.4	58.0	50.4	44.4	58.6										
	S D	11.645	11.091	10.040	8.808	6.718	5.360	3.883	4.122	5.742	9.215	11.106	11.703	15.207										
	TOTAL OBS	750	680	764	755	746	733	798	840	810	838	810	837	9361										
06-08	MEAN	40.5	41.3	51.5	59.2	67.2	73.7	77.5	75.9	72.0	58.6	50.5	43.8	59.6										
	S D	12.505	11.151	10.355	8.747	6.780	5.428	4.246	4.489	5.711	9.038	11.391	11.757	15.899										
	TOTAL OBS	894	817	903	880	927	889	926	927	900	923	870	899	10755										
09-11	MEAN	46.3	49.2	58.8	68.3	74.9	80.6	84.6	83.3	79.4	68.3	59.8	50.9	67.1										
	S D	11.540	11.170	9.727	7.487	5.691	5.028	3.902	4.384	5.928	7.881	9.933	10.521	15.567										
	TOTAL OBS	929	843	929	897	929	900	930	927	900	926	900	930	10940										
12-14	MEAN	51.5	54.2	62.4	71.2	77.4	82.9	86.6	85.6	82.1	72.9	65.1	56.4	70.8										
	S D	10.996	10.694	9.399	7.044	5.672	5.092	4.353	4.230	5.452	6.928	8.942	9.510	14.307										
	TOTAL OBS	929	845	930	897	930	900	930	927	900	928	900	930	10946										
15-17	MEAN	51.5	54.0	62.0	70.4	76.2	81.8	85.3	84.4	81.2	72.1	63.6	55.7	69.9										
	S D	10.173	9.677	8.850	6.467	5.283	4.945	4.620	3.941	5.038	6.417	8.005	8.587	13.734										
	TOTAL OBS	929	846	930	899	930	875	920	929	900	930	900	930	10918										
18-20	MEAN	46.2	49.1	57.7	65.9	72.4	78.2	82.0	80.9	77.3	65.6	56.8	49.9	65.2										
	S D	10.097	9.674	8.279	6.114	4.979	4.406	4.182	3.890	5.124	7.740	9.396	9.665	14.484										
	TOTAL OBS	930	844	930	900	930	867	918	930	900	930	900	928	10907										
21-23	MEAN	43.5	45.7	54.7	62.3	69.3	75.4	79.3	78.2	74.8	61.9	53.8	47.3	62.1										
	S D	11.000	10.396	8.491	7.141	5.570	4.513	3.806	3.792	5.673	8.678	10.534	10.619	14.915										
	TOTAL OBS	906	810	899	870	869	818	878	900	870	903	900	926	10549										
ALL HOURS	MEAN	45.3	47.6	56.5	64.6	71.4	77.4	81.2	80.0	76.5	64.8	56.7	49.4	64.4										
	S D	11.940	11.623	10.267	8.945	7.345	6.427	5.669	5.690	6.811	9.892	11.415	11.406	15.550										
	TOTAL OBS	7017	6364	7050	6857	7005	6703	7098	7220	6990	7214	6990	7217	83725										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC

69-70, 73-81

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	38.3	39.8	48.9	55.7	63.0	69.6	73.6	72.7	69.5	56.7	49.0	42.4	56.8											
	S D	11.406	10.416	9.338	8.167	6.393	5.000	3.415	3.892	5.532	9.374	11.233	11.508	15.020											
	TOTAL OBS	750	679	765	759	744	721	798	840	810	836	810	837	9349											
03-05	MEAN	37.3	38.4	47.9	54.1	61.7	68.2	72.5	71.7	68.4	55.3	47.7	41.4	55.6											
	S D	11.866	10.861	10.045	8.941	6.806	5.349	3.570	4.057	5.706	9.622	11.553	11.816	15.231											
	TOTAL OBS	750	680	764	755	746	733	798	840	810	838	810	837	9361											
06-08	MEAN	38.2	38.4	48.4	54.9	63.4	69.9	73.5	72.4	68.9	55.6	47.8	40.9	56.3											
	S D	12.835	11.199	10.384	8.893	6.808	5.180	3.567	4.004	5.690	9.520	11.800	11.848	15.625											
	TOTAL OBS	894	817	903	879	927	889	926	927	899	923	870	899	10753											
09-11	MEAN	42.1	43.3	52.2	58.9	66.5	72.8	76.1	75.6	72.3	61.0	53.5	45.5	60.1											
	S D	12.043	11.102	9.683	8.001	6.164	4.670	3.279	3.487	5.401	8.522	10.603	10.958	14.742											
	TOTAL OBS	929	843	927	897	929	900	930	925	900	926	900	930	10936											
12-14	MEAN	44.9	46.1	54.0	60.3	67.8	73.8	77.0	76.6	73.5	63.0	55.9	48.5	61.8											
	S D	11.168	10.431	9.040	7.341	6.020	4.587	3.517	3.527	5.114	7.845	9.795	10.145	13.860											
	TOTAL OBS	929	845	930	897	930	900	929	924	900	928	900	930	10942											
15-17	MEAN	45.0	46.4	54.1	60.2	67.5	73.5	76.8	76.3	73.2	62.9	55.7	48.4	61.7											
	S D	10.539	9.569	8.397	6.748	5.609	4.381	3.394	3.373	4.854	7.502	9.334	9.667	13.481											
	TOTAL OBS	929	846	929	899	930	875	919	928	900	930	900	930	10915											
18-20	MEAN	42.4	44.1	52.3	58.7	66.3	72.2	75.6	75.0	72.0	60.6	52.7	45.7	59.8											
	S D	10.814	9.657	8.267	6.847	5.492	4.299	3.339	3.371	4.824	8.216	10.176	10.341	14.076											
	TOTAL OBS	930	844	930	900	930	867	917	930	900	930	900	928	10906											
21-23	MEAN	40.3	41.9	50.7	57.1	64.9	71.1	74.6	73.7	70.6	58.3	50.4	43.8	58.0											
	S D	11.349	10.197	8.619	7.541	5.905	4.605	3.310	3.516	5.312	8.894	10.943	10.937	14.652											
	TOTAL OBS	906	810	899	870	869	818	878	900	870	903	900	925	10548											
ALL HOURS	MEAN	41.2	42.5	51.2	57.6	65.3	71.5	75.0	74.3	71.1	59.2	51.7	44.7	58.9											
	S D	11.837	10.845	9.502	8.120	6.477	5.097	3.758	4.046	5.618	9.173	11.121	11.244	14.753											
	TOTAL OBS	7017	6364	7047	6856	7005	6703	7095	7214	6989	7214	6990	7216	83710											



USAFETAC FORM 0 89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC

69-70,73-81

STATION		STATION NAME												YEARS											
HRS. LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	33.4	34.6	45.3	51.9	60.6	67.6	71.8	71.0	67.6	54.1	45.6	37.8	53.7											
	S D	14.503	12.564	11.125	9.942	7.421	5.731	3.769	4.292	6.139	10.708	13.363	14.043	16.959											
	TOTAL OBS	750	679	765	759	744	721	798	840	810	836	810	837	9349											
03-05	MEAN	32.5	33.5	44.7	50.8	59.6	66.6	70.9	70.3	66.7	52.8	44.5	37.0	52.8											
	S D	14.931	13.019	11.573	10.525	7.725	5.994	3.857	4.432	6.277	11.054	13.686	14.156	17.136											
	TOTAL OBS	750	680	764	755	746	733	798	840	810	838	810	837	9361											
06-08	MEAN	33.9	33.7	45.0	51.0	60.8	67.9	71.6	70.7	67.1	52.9	44.6	36.6	53.3											
	S D	15.727	13.641	12.143	10.797	7.966	5.939	3.948	4.328	6.339	11.012	13.826	14.076	17.398											
	TOTAL OBS	894	817	903	879	927	889	926	927	899	923	870	899	10753											
09-11	MEAN	35.7	35.1	45.3	50.8	61.2	68.8	72.4	72.1	68.7	55.2	47.0	38.5	54.3											
	S D	16.243	15.206	13.495	12.201	8.995	6.174	4.297	4.370	6.566	11.630	14.486	14.836	17.780											
	TOTAL OBS	929	843	927	897	929	900	930	925	900	926	900	930	10936											
12-14	MEAN	35.8	35.6	45.7	51.4	61.7	69.3	72.9	72.7	69.2	55.5	46.9	38.8	54.7											
	S D	16.462	15.417	13.310	11.882	9.309	6.429	4.799	4.677	6.651	11.678	14.840	15.457	17.987											
	TOTAL OBS	929	845	930	897	930	900	929	924	900	928	900	930	10942											
15-17	MEAN	36.0	36.5	46.2	51.8	62.1	69.4	73.1	72.7	69.3	56.0	47.8	39.4	55.1											
	S D	16.021	14.618	12.502	11.325	8.693	6.040	4.516	4.437	6.315	11.294	14.388	15.103	17.526											
	TOTAL OBS	929	846	929	899	930	875	919	928	900	930	900	930	10915											
18-20	MEAN	36.6	37.4	46.9	52.6	62.4	69.2	72.8	72.3	69.4	56.8	48.4	40.2	55.5											
	S D	14.885	13.146	11.338	10.532	7.762	5.560	4.061	4.103	5.585	10.015	12.932	13.695	16.573											
	TOTAL OBS	930	844	930	900	930	867	917	930	900	930	900	928	10906											
21-23	MEAN	35.5	35.7	46.6	52.7	62.1	68.9	72.5	71.7	68.4	55.4	46.8	39.1	54.6											
	S D	14.528	12.697	10.803	9.909	7.280	5.484	3.797	4.115	5.883	10.220	13.108	13.576	16.617											
	TOTAL OBS	906	810	899	870	869	818	878	900	870	903	900	925	10548											
ALL HOURS	MEAN	35.0	35.5	45.8	51.6	61.4	68.5	72.3	71.7	68.3	54.9	46.5	38.5	54.3											
	S D	15.514	13.943	12.127	10.967	8.253	6.000	4.211	4.434	6.301	11.049	13.906	14.430	17.285											
	TOTAL OBS	7017	6364	7047	6856	7005	6703	7095	7214	6989	7214	6990	7216	83710											

CLIMAT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYSTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.7	96.7	86.9	77.6	64.5	47.2	18.8	75.0	750
	03-05	100.0	100.0	99.9	96.4	89.9	80.0	68.1	49.1	21.5	76.2	750
	06-08	100.0	100.0	100.0	98.2	91.9	83.0	70.9	54.5	24.7	78.4	894
	09-11	100.0	100.0	98.6	89.5	76.4	63.2	50.2	35.7	15.8	58.5	929
	12-14	100.0	99.4	90.7	70.3	56.6	44.0	33.9	22.9	9.6	58.5	929
	15-17	100.0	98.9	89.2	71.4	60.2	47.6	35.4	24.1	11.3	59.4	929
	18-20	100.0	99.8	98.5	90.4	81.7	70.4	56.3	39.2	17.1	71.2	930
	21-23	100.0	99.7	99.3	96.4	88.9	77.9	63.7	46.7	19.6	75.0	906
TOTALS		100.0	99.7	97.0	88.7	79.1	68.0	55.4	39.9	17.3	71.3	7017

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	97.1	89.1	76.9	60.7	36.9	12.1	73.2	679
	03-05	100.0	100.0	100.0	98.7	91.9	78.1	64.4	36.9	12.9	74.1	680
	06-08	100.0	100.0	100.0	98.7	92.8	80.2	66.6	41.5	16.8	75.4	317
	09-11	100.0	100.0	95.1	81.6	65.0	47.3	33.9	21.1	8.7	61.2	843
	12-14	100.0	98.9	86.2	63.6	48.3	32.8	21.5	14.6	5.8	52.8	845
	15-17	100.0	98.6	85.6	71.0	54.8	40.1	25.5	13.0	4.8	55.2	846
	18-20	100.0	99.9	96.9	88.0	77.3	62.6	48.2	26.1	7.7	66.4	844
	21-23	100.0	100.0	99.1	96.2	87.0	74.4	61.2	37.0	13.6	72.5	610
TOTALS		100.0	99.7	95.4	86.9	75.8	61.6	47.8	28.6	10.3	66.3	6364

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

MAG

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.5	98.7	94.0	87.6	77.3	53.5	11.5	78.2	765
	03-05	100.0	100.0	100.0	99.2	97.3	89.8	81.4	57.9	15.3	79.9	764
	06-08	100.0	100.0	100.0	98.1	95.9	89.7	78.4	55.5	17.1	79.3	903
	09-11	100.0	100.0	95.3	84.0	70.8	54.7	40.2	24.9	10.0	63.8	927
	12-14	100.0	98.9	90.1	76.5	60.8	43.3	29.5	16.3	4.3	57.7	930
	15-17	100.0	98.5	90.9	80.4	66.1	48.8	33.2	18.0	3.7	59.6	929
	18-20	100.0	99.9	96.6	91.7	83.8	71.3	52.2	33.8	8.5	69.5	930
	21-23	100.0	100.0	99.3	96.7	91.7	83.2	67.7	45.7	14.0	75.7	899
TOTALS		100.0	99.7	96.5	90.7	82.6	71.1	57.5	38.2	10.6	70.5	7047

FORM
HIL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.9	98.7	93.5	85.1	68.4	41.6	10.3	75.5	759
	03-05	100.0	100.0	100.0	99.7	95.8	89.0	74.6	49.4	14.2	77.9	755
	06-08	100.0	100.0	99.8	98.6	93.6	82.9	67.5	43.0	11.9	75.4	879
	09-11	100.0	99.2	92.3	76.7	59.3	41.6	22.1	9.3	2.2	56.0	897
	12-14	100.0	99.0	84.9	69.5	56.9	34.2	16.3	4.9	1.3	52.3	897
	15-17	100.0	97.9	87.0	75.1	60.1	42.6	20.0	7.0	.7	54.6	899
	18-20	100.0	99.8	95.3	87.7	78.7	62.8	43.8	17.9	3.0	64.6	900
	21-23	100.0	100.0	98.7	96.3	89.7	79.4	61.4	32.2	6.9	72.2	870
TOTALS		100.0	99.5	94.7	87.8	78.5	64.7	46.8	25.5	6.3	66.1	6856

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYPTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.7	98.7	95.2	84.8	63.2	13.7	81.2	744
	03-05	100.0	100.0	100.0	99.9	99.2	96.8	89.1	70.9	21.0	83.6	746
	06-08	100.0	100.0	100.0	99.6	98.6	93.1	80.7	58.1	15.6	80.2	927
	09-11	100.0	100.0	98.6	92.8	79.9	59.7	36.9	15.1	1.1	63.8	929
	12-14	100.0	99.7	96.6	87.8	71.8	52.0	29.7	11.5	1.2	60.5	930
	15-17	100.0	99.6	97.0	90.2	79.0	61.2	36.2	14.9	1.8	63.5	930
	18-20	100.0	99.9	99.5	97.3	91.2	80.5	61.4	31.0	5.2	72.1	937
	21-23	100.0	100.0	100.0	99.7	98.2	90.7	77.2	50.3	10.5	78.3	869
TOTALS		100.0	99.9	99.0	95.9	89.6	78.7	62.0	39.4	8.8	72.9	7005

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12717 MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.9	99.6	97.5	89.6	70.5	15.0	83.0	721
	03-05	100.0	100.0	100.0	100.0	99.7	98.0	93.9	77.6	25.1	85.4	733
	06-08	100.0	100.0	100.0	100.0	99.7	96.1	88.5	63.0	19.0	82.3	889
	09-11	100.0	100.0	100.0	98.6	91.2	74.4	42.3	16.1	3.1	68.2	900
	12-14	100.0	100.0	99.9	95.4	81.4	64.4	35.2	12.0	1.7	64.8	900
	15-17	100.0	100.0	99.8	96.9	88.2	69.4	41.7	15.0	1.9	67.0	875
	18-20	100.0	100.0	100.0	99.1	96.7	87.7	66.9	32.8	5.1	74.4	867
	21-23	100.0	100.0	100.0	99.8	99.5	96.9	85.5	57.9	10.5	80.5	818
TOTALS		100.0	100.0	100.0	98.7	94.5	85.6	68.0	43.1	10.2	75.7	6703

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.1	94.5	66.0	12.3	83.1	798
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	96.9	81.2	19.8	85.5	798
	06-08	100.0	100.0	100.0	100.0	100.0	98.1	90.1	62.9	14.4	82.2	926
	09-11	100.0	100.0	100.0	99.4	94.9	76.6	36.9	7.4	.6	67.2	930
	12-14	100.0	100.0	99.9	97.1	89.6	67.9	29.1	5.8	.8	64.4	929
	15-17	100.0	100.0	99.9	97.8	91.8	75.5	39.4	12.1	2.7	67.5	919
	18-20	100.0	100.0	100.0	99.9	97.9	90.2	66.3	25.2	3.5	73.9	917
	21-23	100.0	100.0	100.0	100.0	100.0	97.9	86.2	50.8	6.5	79.7	678
TOTALS		100.0	100.0	100.0	99.3	96.8	88.1	67.4	36.9	7.6	75.4	7195

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.8	96.3	70.2	12.7	83.7	840
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.3	83.6	19.5	85.8	840
	06-08	100.0	100.0	100.0	100.0	99.9	99.5	96.0	70.6	18.1	84.0	927
	09-11	100.0	100.0	100.0	99.8	96.1	83.0	45.4	14.9	1.8	69.6	925
	12-14	100.0	100.0	100.0	99.7	91.7	72.8	34.1	8.1	1.1	66.1	924
	15-17	100.0	100.0	100.0	99.8	95.5	79.6	43.3	11.6	2.0	68.6	928
	18-20	100.0	100.0	100.0	100.0	99.5	92.8	72.7	33.0	4.6	75.6	930
	21-23	100.0	100.0	100.0	100.0	99.6	97.8	89.2	52.6	8.6	80.4	900
TOTALS		100.0	100.0	100.0	99.9	97.8	90.7	71.9	43.1	8.6	76.7	7214

USAFETAC

FORM
JAN 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	98.4	91.1	67.8	19.1	83.6	810
	03-05	100.0	100.0	100.0	100.0	99.9	98.8	94.7	76.8	25.2	85.4	810
	06-08	100.0	100.0	100.0	100.0	99.9	98.8	94.3	72.4	23.4	84.7	899
	09-11	100.0	100.0	100.0	99.1	95.3	81.7	51.1	13.8	3.1	70.4	900
	12-14	100.0	100.0	99.8	97.2	90.3	69.4	33.6	9.8	1.7	65.0	900
	15-17	100.0	100.0	99.8	98.2	93.0	76.0	42.3	13.0	2.4	68.1	900
	18-20	100.0	100.0	100.0	99.9	99.4	94.7	76.8	36.6	5.8	76.8	900
	21-23	100.0	100.0	100.0	100.0	100.0	97.8	87.8	54.7	13.2	81.0	870
TOTALS		100.0	100.0	100.0	99.3	97.2	89.5	71.5	43.7	11.7	77.0	6989

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.2	94.1	84.7	60.6	21.2	82.1	836
	03-05	100.0	100.0	100.0	99.8	98.2	94.6	86.2	64.6	25.8	83.1	838
	06-08	100.0	100.0	100.0	99.8	98.5	94.9	83.6	60.5	20.0	81.8	923
	09-11	100.0	100.0	98.5	91.9	77.4	58.9	38.6	19.8	2.9	64.5	916
	12-14	100.0	99.9	96.2	80.3	60.0	39.3	22.2	8.8	1.1	56.3	928
	15-17	100.0	99.8	96.8	84.2	68.4	47.4	27.0	9.7	1.7	59.0	930
	18-20	100.0	100.0	99.9	99.5	96.0	85.3	62.6	33.5	4.7	73.9	930
	21-23	100.0	100.0	100.0	100.0	99.1	94.2	79.0	52.2	13.3	79.6	903
TOTALS		100.0	100.0	98.9	94.4	87.1	76.1	60.5	38.7	11.3	72.5	7214

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.9	99.0	94.4	88.3	77.3	56.4	22.5	79.7	810
	03-05	100.0	100.0	99.6	99.0	96.3	89.6	78.5	61.2	26.2	80.9	810
	06-08	100.0	100.0	100.0	99.4	97.4	90.9	79.8	59.2	23.7	80.9	870
	09-11	100.0	100.0	97.2	87.7	74.4	59.6	41.3	23.8	6.2	64.6	900
	12-14	100.0	99.6	89.1	71.4	53.3	38.3	22.6	11.0	2.9	54.5	900
	15-17	100.0	99.6	91.2	76.6	63.7	48.4	34.2	16.3	3.9	59.2	900
	18-20	100.0	100.0	99.6	96.4	90.6	81.3	65.9	42.1	12.0	74.6	900
	21-23	100.0	100.0	100.0	98.4	93.7	86.3	74.4	54.7	18.1	78.3	900
TOTALS		100.0	99.9	97.1	91.0	83.0	72.8	59.3	40.6	14.4	71.6	6990

USAFETAC

FORM
JUL 64

0-87-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	97.8	90.1	78.7	64.2	44.9	12.8	74.7	837
	03-05	100.0	100.0	100.0	98.9	93.0	82.8	66.8	48.5	14.1	76.0	837
	06-08	100.0	100.0	100.0	99.0	94.9	84.6	70.1	47.4	13.5	76.6	899
	09-11	100.0	100.0	98.6	88.2	73.0	57.2	41.4	25.7	7.5	64.8	930
	12-14	100.0	98.8	87.4	69.4	53.0	37.8	25.9	14.0	4.0	54.9	930
	15-17	100.0	99.1	88.7	73.0	58.4	45.2	33.2	18.5	4.5	57.8	930
	18-20	100.0	99.8	98.9	94.9	85.8	72.5	55.2	34.2	9.7	70.9	928
	21-23	100.0	99.9	99.5	97.5	89.6	79.9	64.5	42.6	12.8	74.4	928
TOTALS		100.0	99.7	96.6	89.8	79.7	67.3	52.7	34.5	9.9	63.8	7216

USAFETAC

FORM
AA 64

0-87-5 (OL A)

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70,73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.7	97.3	88.7	79.1	68.0	55.4	39.9	17.3	70.3	7017
FEB		100.0	99.7	95.4	86.9	75.6	61.6	47.8	28.6	10.3	66.3	6364
MAR		100.0	99.7	96.5	93.7	82.6	71.1	57.5	38.2	10.6	70.5	7047
APR		100.0	99.5	94.7	87.8	78.5	64.7	46.8	25.5	6.3	66.1	6856
MAY		100.0	99.9	99.0	95.9	89.6	78.7	62.0	39.4	8.8	72.9	7005
JUN		100.0	100.0	100.0	98.7	94.5	85.6	69.7	43.1	10.2	75.7	6773
JUL		100.0	100.0	100.0	99.3	96.6	88.1	67.4	30.9	7.6	75.4	7095
AUG		100.0	100.0	100.0	99.9	97.8	90.7	71.9	43.1	8.6	76.7	7214
SEP		100.0	100.0	100.0	99.3	97.2	89.5	71.5	43.7	11.7	77.0	6989
OCT		100.0	100.0	98.9	94.4	87.1	75.1	60.5	38.7	11.3	72.0	7214
NOV		100.0	99.9	97.1	91.0	83.0	72.8	59.3	40.6	14.4	71.6	6990
DEC		100.0	99.7	95.6	89.8	79.7	67.3	52.7	34.5	9.9	68.8	7216
TOTALS		100.0	99.8	97.9	93.5	86.8	76.2	60.1	37.9	10.6	72.0	83717

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overa period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

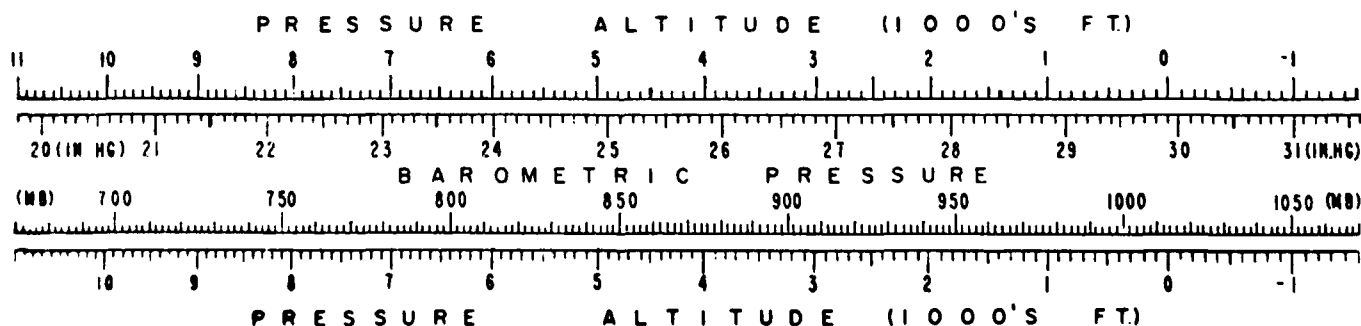
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC

69-70,73-81

STATION	STATION NAME	YEARS
HRS	ST	
		JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL
01	MEAN	30.05030.06429.99429.97629.96429.97429.98130.01029.99330.03430.05730.054 30.013
	S D	.227 .214 .206 .179 .144 .118 .105 .095 .111 .163 .174 .224 .172
	TOTAL OBS	250 226 255 253 248 240 266 280 270 279 270 279 3116
04	MEAN	30.04730.05529.97629.96629.95329.96129.96729.99529.97930.02330.05130.053 30.002
	S D	.233 .216 .210 .181 .145 .115 .105 .096 .110 .165 .175 .223 .175
	TOTAL OBS	250 227 254 252 249 245 266 280 270 279 270 279 3121
07	MEAN	30.07730.07630.01830.02029.98229.98729.99930.02530.01130.05130.08130.075 30.033
	S D	.223 .214 .211 .194 .146 .120 .106 .096 .113 .163 .176 .222 .175
	TOTAL OBS	310 281 309 299 309 300 310 309 300 309 300 310 3646
10	MEAN	30.11430.10330.04430.03429.99630.00030.01230.04430.03230.07430.10630.108 30.055
	S D	.226 .220 .216 .200 .150 .123 .107 .097 .114 .166 .179 .222 .179
	TOTAL OBS	309 281 310 299 310 300 310 309 300 309 300 310 3647
13	MEAN	30.05230.05830.00429.99929.97129.98129.99530.02230.00130.02930.05130.046 30.017
	S D	.225 .224 .218 .202 .151 .126 .109 .098 .116 .167 .181 .226 .178
	TOTAL OBS	310 282 310 299 310 300 310 309 300 309 300 310 3649
16	MEAN	30.02930.01929.96429.95729.93529.95129.96229.98529.96530.00530.03030.026 29.986
	S D	.223 .225 .215 .199 .151 .129 .110 .097 .116 .166 .178 .223 .178
	TOTAL OBS	310 282 310 300 310 289 306 310 300 310 300 310 3637
19	MEAN	30.05930.04229.98129.96929.94029.95429.96429.99129.97430.02630.05430.051 30.000
	S D	.215 .226 .205 .191 .146 .123 .106 .092 .114 .161 .173 .219 .175
	TOTAL OBS	310 281 310 300 310 289 306 310 300 310 300 309 3635
22	MEAN	30.07730.06530.00829.99829.97129.98329.99430.02330.00230.04830.07130.065 30.025
	S D	.216 .222 .199 .187 .142 .118 .105 .091 .113 .160 .174 .220 .172
	TOTAL OBS	310 279 310 300 310 289 306 310 300 310 300 309 3633
ALL HOURS	MEAN	30.06430.06029.99929.99129.96429.97429.98530.01229.99530.03630.06330.060 30.017
	S D	.224 .221 .211 .194 .148 .123 .108 .097 .115 .165 .178 .223 .177
	TOTAL OBS	2359 2139 2368 2302 2356 2252 2380 2417 2340 2415 2340 2416 28084

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC

69-70,73-81

STATION

STATION NAME

YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1019.0	1019.6	1017.2	1016.6	1016.2	1016.5	1016.7	1017.7	1017.1	1018.5	1019.2	1019.1	1017.8
	S D	7.632	7.229	7.032	6.074	4.789	3.962	3.536	3.236	3.668	5.413	5.859	7.531	5.800
	TOTAL OBS	250	226	255	253	248	240	266	280	270	279	270	279	3116
04	MEAN	1019.0	1019.3	1016.6	1016.2	1015.8	1016.0	1016.2	1017.2	1016.6	1018.1	1019.1	1019.1	1017.4
	S D	7.825	7.272	7.180	6.150	4.822	3.909	3.573	3.282	3.667	5.478	5.892	7.527	5.881
	TOTAL OBS	250	227	254	252	249	245	266	280	270	279	270	279	3121
07	MEAN	1019.9	1019.9	1017.9	1018.0	1016.7	1016.9	1017.2	1018.1	1017.7	1019.0	1020.0	1019.8	1018.4
	S D	7.506	7.239	7.181	6.562	4.900	4.091	3.571	3.276	3.753	5.431	5.930	7.481	5.896
	TOTAL OBS	310	281	308	299	309	300	310	309	300	309	300	310	3645
10	MEAN	1021.1	1020.8	1018.8	1018.4	1017.2	1017.3	1017.7	1018.8	1018.4	1019.8	1020.9	1020.9	1019.2
	S D	7.572	7.440	7.337	6.756	5.051	4.190	3.595	3.332	3.796	5.511	6.024	7.487	6.042
	TOTAL OBS	310	281	310	299	310	300	310	309	300	309	300	310	3648
13	MEAN	1019.0	1019.3	1017.4	1017.3	1016.3	1016.6	1017.1	1018.0	1017.3	1018.3	1019.0	1018.8	1017.9
	S D	7.556	7.576	7.430	6.828	5.087	4.265	3.677	3.353	3.852	5.547	6.094	7.638	6.019
	TOTAL OBS	310	282	310	299	310	300	310	309	300	309	300	310	3649
16	MEAN	1018.2	1018.0	1016.1	1015.8	1015.1	1015.7	1016.0	1016.8	1016.1	1017.4	1018.3	1018.1	1016.8
	S D	7.460	7.626	7.319	6.710	5.066	4.363	3.701	3.318	3.863	5.509	6.004	7.532	6.004
	TOTAL OBS	310	282	310	300	310	289	306	310	300	310	300	309	3636
19	MEAN	1019.3	1018.7	1016.6	1016.2	1015.2	1015.7	1016.1	1017.0	1016.4	1018.2	1019.1	1019.0	1017.3
	S D	7.210	7.642	7.014	6.452	4.919	4.159	3.591	3.171	3.778	5.384	5.832	7.393	5.909
	TOTAL OBS	310	281	310	300	310	289	306	309	300	310	300	309	3634
22	MEAN	1019.9	1019.5	1017.6	1017.2	1016.3	1016.7	1017.1	1018.0	1017.4	1018.9	1019.7	1019.5	1018.1
	S D	7.238	7.514	6.824	6.301	4.765	4.013	3.513	3.117	3.766	5.323	5.841	7.417	5.800
	TOTAL OBS	310	279	310	300	309	289	305	310	300	310	300	309	3631
ALL HOURS	MEAN	1019.4	1019.4	1017.3	1017.0	1016.1	1016.4	1016.8	1017.7	1017.1	1018.5	1019.4	1019.3	1017.9
	S D	7.525	7.485	7.205	6.546	4.970	4.158	3.638	3.319	3.827	5.483	5.974	7.529	5.962
	TOTAL OBS	2360	2139	2367	2302	2355	2252	2379	2416	2340	2415	2340	2415	28080

LATE
LME
-8